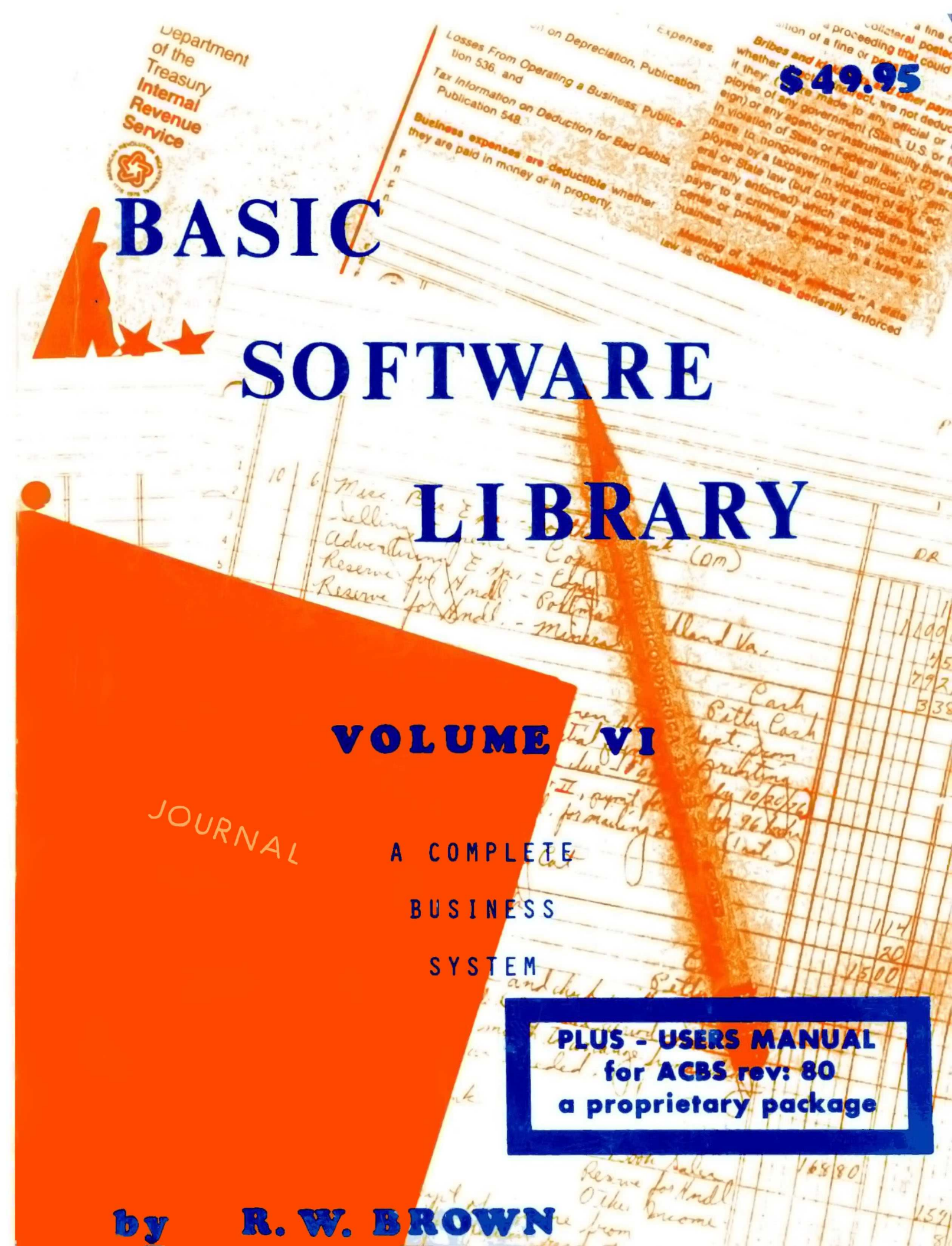
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A COMPLETE
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BASIC SOFTWARE LIBRARY

VOLUME VI

A COMPLETE

BUSINESS

SYSTEM

1ST. PRINTING - - JULY 1977
2ND. PRINTING - - DECEMBER 1977

SCIENTIFIC RESEARCH INST.
P.O. BOX 490099
KEY BISCAYNE, FL 33149

INTRODUCTION

The programs presented here are set out for the individual who has a specific need in mind. Because a detailed discussion of these programs would require a text several times the present size of this Library it has been omitted. Individuals who have a specific requirement will have to be at least knowledgeable in the area the program is written about; ie: Statistical programs require the user to be familiar with the terms mean, median, etc. This is because the programs are written in the vernacular of their subject matter. With this knowledge alone, no programming experience on the part of the user is required in order to use any of these programs in most systems. Once it is determined that a particular program may be useful the user merely types in a copy of the BASIC source code exactly as it appears in the program listing. Then follow the instructions for running the program as presented in the Instruction portion of the write up, immediately preceding the program. Also included in the write ups are statements that appear in the source code which may possibly need to be changed to run in the user's computer system; ie: RND statements may have to be changed to FRAND in order to compile in certain systems.

TABLE OF CONTENTS

TABLE OF CONTENTS

VOLUME ONE (CONT.)

PICTURES

TABLE OF CONTENTS

VOLUME TWO

Part 3 - Math & Engineering Programs

TABLE OF CONTENTS

VOLUME TWO (CONT.)

Part 4 - Plotting & Statistics Programs

TABLE OF CONTENTS

VOLUME THREE

Part 5 - Advanced Business Programs

TABLE OF CONTENTS

VOLUME FOUR

General Purpose Programs

TABLE OF CONTENTS

VOLUME FIVE

Experimenter's Programs

TABLE OF CONTENTS

VOLUME FIVE (CONT.)

Experimenter's Programs

TABLE OF CONTENTS

VOLUME SIX

A Complete Business System

TABLE OF CONTENTS

VOLUME SEVEN

Professional Programs

PREFACE

The information contained in these pages represents the culmination of a very large project. That of compiling a versatile and complete Software Library that will be of use to a large number of diverse individuals. The programs presented here when combined in a system will represent a very powerful library bank. Such a work as this has been attempted in the past in such areas as cook books, electronic source books, mathematical tables and even computer games. But to date such a collection as this has yet to be offered to the average individual to use as he chooses. The word "at - temped" was used as no work is ever considered complete by everyone regar dless of its thoroughness.

The programs presented here were chosen for their uniqueness and general usefulness. There should be at least one program included that will be of use to every type of individual whether they have access to a computer or not. Computers are a wonderful and very useful tool. Through this Library I hope to interest more people into becoming involved with computers. The Library is written so that little or no computer programming experience is required to invoke any of the programs. The programs that are present- ed here are all written in the computer language called BASIC. Each pro - gram has been successfully run on a G.E. 635 computer. The entire source code is presented as well as a short narrative page which defines the pro gram, tells who might be interested in using it, a brief set of instruc- tions or how to get them and then any limitations in the program are no- ted. In the limitations section the storage length in K Bytes is given so the prospective user will know how much memory to allow for the program. Where possible the amount of memory space required for full execution is given for the programs, this space is independent of the space already oc cupied by your BASIC compiler.

The programs are broken down into five sections or parts. Each part deals with a specific type of program. Part 1 contains business type programs. These programs will be of interest to individuals who have businesses, play the stock market, balance their own checkbooks, do installment buy- ing, figure taxes, etc. There are a total of 20 programs in this section. Part 2 is the lighter side of the Library as it contains 16 games and 12 picture programs. No computer library is complete without some fun. Among the games presented in this section is one called Checkers. The game is rather long but it is virtually machine independent as it doesn't use over lay techniques or use files. Most of the other games included here are as exciting as this version of Checkers. Each was chosen so as not to mimic others that the reader may have seen. The pictures are as unusual in their own way as are the games. Most of the pictures are spread over several pa ges, this was done not only so the reader will need to run the program to see the details of a particular picture but also in the hopes of getting as many of these programs into use as possible. As the picture programs are very simple it is an easy place for the novice to start learning about programming.

Part 3 is comprised of Math and Engineering programs. Some of these programs will be of use to high school students, professional people, sailors, engi- neers, astronomers, airplane pilots, etc. Most of these programs are very

technical but they can perform every day calculations quickly and easily and they are extremely simple to use. There are 23 general usage programs presented in this section.

Part 4 is made up of Plotting and Statistical Analysis programs. These programs can be readily utilized by a number of people in widely different disciplines from fishermen to statisticians. The data gathered may be from a poll, a census, a test sample or even the number of fish caught on various days. The stat programs will be of invaluable aid to anyone who gathers data of any kind. The plotting routines will be of use to most of the people who use the stat programs or programs in Parts 1 and 3. The plotting is done on any standard teletype or terminal and does not require a special plotter or plotting terminal. There are a tot al of five direct plotting programs and 18 stat programs in this section.

All of the programs presented here may be run by simply typing the source code as listed, exactly as it is, into your computer. Now before the program will run it will have to be converted into machine code. This is done automatically and requires no forethought except to make certain the operating system you are working in is BASIC. In the larger computer systems you are asked what system you want — to this type BASIC; the smaller sys tems only have BASIC, in these you are O.K.

Immediately following Part 4 is Appendix A. Here, all of the Basic Statements used throughout these pages are defined. Each statement is explained sufficiently well to enable one unfamiliar with this subset to modify any necessary statements so that the program or programs will compile and execute with the Basic compiler or interpreter available with their particular computer. Most of the Basic compilers available today, that require more then 10K Bytes of storage, will execute all of the programs presented in these volumes with the possible exception of a few of the games and the program "Variable". Multiple line statements are not used in most of the programs and only a few programs use string manipulations extensively. A few of the programs may require more on line storage then is available on some of the small micro computer systems; these longer programs will not be executable due to the limited amount of memory. However most of the programs will execute in 10K Bytes of memory or less, thereby making most of the programs in this Library executable in virtually any Basic speaking computer without any required modifications.

Volume III is comprised of ADVANCED BUSINESS programs, part 5. This volume as well as subsequent volumes are intended to make this Library complete and useful to all individuals.

Each of these programs are written in a subset of the Dartmouth language. The specific subset is that which was used by General Electric on their 635 systems. These programs have operated without problem on a variety of small and large machines even several of the new micro computers. The pro grams that use string manipulations may require slight modifications before fully executing on some systems. These programs are mainly found in Part 2 — Games.

All of the programs in this Library were written or edited by the author. All of the programs edited by him were given for inclusion, "swapped" for traded, or made public. A few of the original authors of the "swaps" are not known, for this I apologize. The others, unless specifically mentioned in the text, are presented here. In addition I would like to thank the fol lowing for their cooperation in making this work possible.

ACKNOWLEDGMENTS

MY WIFE MARY AND MY FAMILY

DONALD ALVAREZ

DAVE BEETLE

MORTON BERGER

COPY CAT INC

GE TIMESHARING

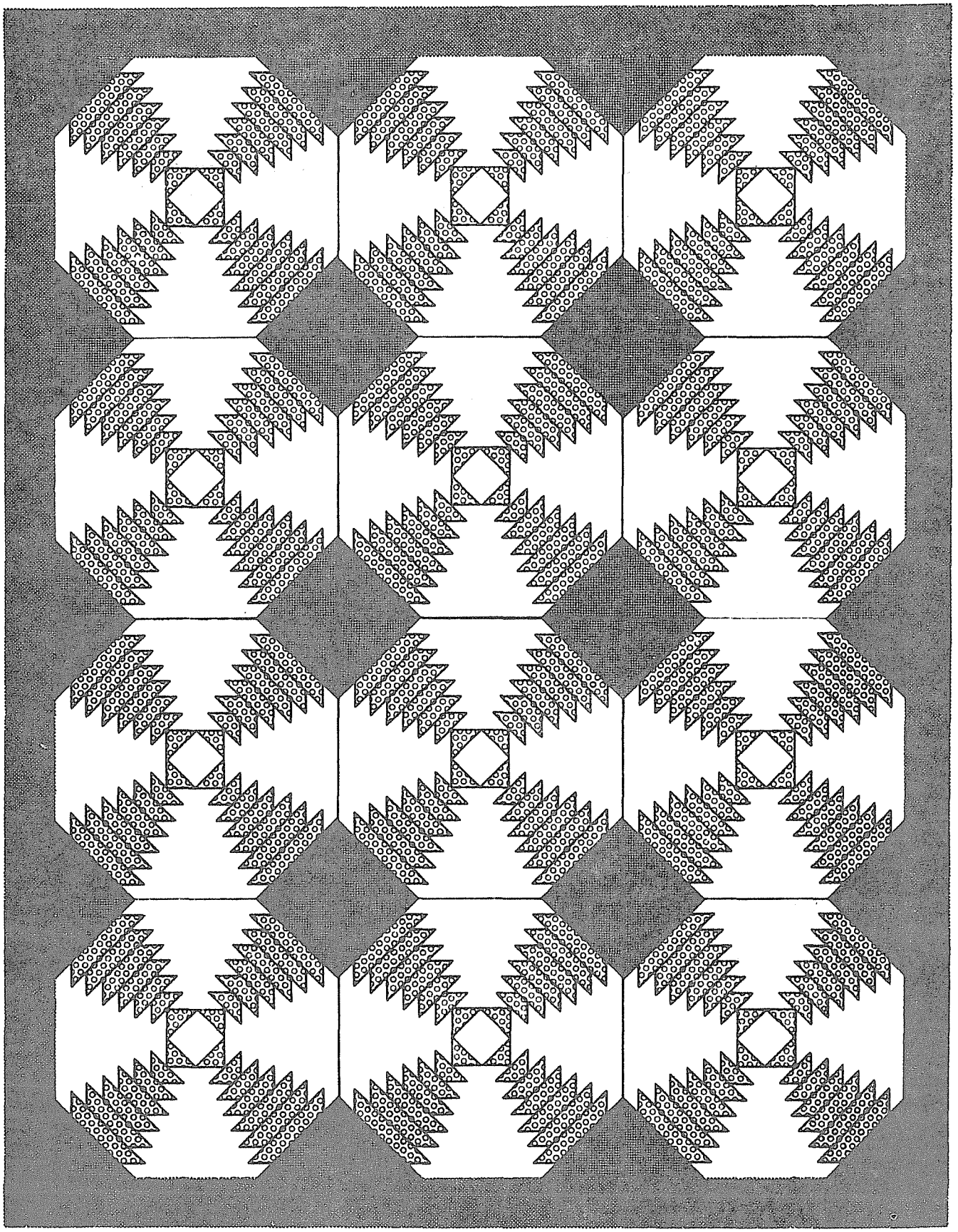
BILL JONES

GEORGE LONG

TOM ROSE

ARTWORK COURTESY OF MELISSA

EDITING AND PROGRAMMING SUPPORT
PROVIDED BY JOHN SWAIN



A

COMPLETE

BUSINESS SYSTEM

ACBS rev:0

A COMPLETE BUSINESS SYSTEM (rev:0)

A Complete Business System is a computer program designed to keep all the business records of any company. It allows the user to update all company data as well as search through it for specialized entries. While it is expressly designed for use by a businessman it can very easily be utilized by accountants to maintain company records and produce all its financial reports. It is very versatile and can maintain records in a variety of formats depending on how the data files are created and how the daily transactions are handled. While it is best to update the program daily or as each transaction is made, it may be updated periodically with no loss in generality.

At the time of this writing there are only a few Basics that allow sufficient precision for business use. Most Basics only allow six to eight digits of precision. This is unfortunate for eight digits will not allow grand totals to reach $1,000,000.00. For very small business this may suffice but the six digit accuracy Basics are limited to totals less then $10,000.00 and most individuals earn more then this annually. In addition to this limitation very few offer formated printing statements. Those that do use the Print Using statement except for a few Basics which uses the Digits statement. Those of you that only have the Digits command will have to convert all of the Print Using statements to a form accepted by your Basic. This particular conversion will not be presented here as most of these Basics are not sufficiently powerful to execute data files in reasonable time frames or to allow adequate precision for calculations. A suggested method of converting a Print Using statement follows:

```
ex: Print Using - - - - -, X, Y,....
Remove the Print Using line and substitute the following
routine each time it is used throughout the programs.
A = X
Gosub ___
X$ = A$
Print X$,
A = Y
Gosub ___
Y$ = A$
Print Y$,
Then this is the Subroutine that the above Gosub's
Branch too.
```

```
___ 1  A = INT (100* A+.5)/10
___ 2  B = A  INT (A)
___ 3  if B J 0 then ____ 8
___ 4 B = A/10  INT (A/10)
___ 5 if B J 0 the ___ 10
___ 6 A$ = STR$ (A/10) + " .00 "
___ 7 Return
___ 8 A = A/10
___ 9 Return
___ 10 A$ = STR$ (A/10) + " 0 "
```

If the above subroutine will not operate in your Basic use this subroutine:

```
___ 1 A = INT (100 * A + .5)/100
___ 2 A$ = STR$ (A)
___ 3 F or I = 1 to 12
___ 4 B$ = MID $ (A$, I, 1)
___ 5 if B$ = "." then 7
___ 6 Next I
___ 7 A$ = MID $ (A$, 1, I + 2)
___ 8 Return
```

This first sub is preferred over the second one as in the second sub it may be necessary to check for zeros after the decimal point in some Basics.

The programs contained herein use data files. These data files should be on a disk system rather then a tape, digital cassette, audio cassette or other tape medium due to their slow access and search speeds. In addition the disk should have a minimum storage of 250K Bytes as the source code requires about 60K Bytes of over head storage. However the programs use overlay and paging techniques so they can be run in most systems with 16K of free memory.

The data files in these programs are accessed with the Input #_, and Print #_, statements. They are opened for use with the Open "O", _ , "File Name" and Open "I", _ , " File Name " as these data files are ASCII sequencial. If your Basic uses statements other then these disk statements, for data file control, the above should be changed to match those in your Basic. These statements are used frequently throughout these programs so be sure they all are changed to statements your Basic understands. For example P.T. uses the Write #_ instead of the Print #_ statement and Read #_ instead of the Input #_ statement.

The data files are structured to contain the company records in an easily accesable form utilizing a minimum number of data files. Now on to the programs. They are contained in four sections. If you want to do Billing or use the A/R section RUN the program named ACBB. If you want to use the Depreciation program RUN the program named ACBD. If you want to do Inventory then RUN the program named ACBI. Consequently if you want to use the Ledger program RUN ACBL. Before the programs are run you should build your data base. A sample data base may be generated by running the file creation included in this section.

ACBB

This is a disk interactive version of the Billing program that appears in Volume III of this set. This version generates the same reports as the program in Volume III except it also allows the data base to be updated interactively. For sample listings and additional program information the reader is referred to the Billing program in Volume III of the Basic Software Library.

The source code for this program is 8K Bytes long and the program will execute in 12K of available memory. While most of the Basic statements are fairly straight forward the disk I/O calls may not be compatible with your system. In this event you will be required to mod these five programs to meet the requirements of the Basic that you are using.

```
100 REM ACBB   REV:0
110 REM THIS IS THE BILLING AND A/R PROGRAM
120 CLEAR 300
130 REM FOR FULL MODIFICATIONS LIST THE PROGRAM
140 REM THIS PROGRAM IS WRITTEN IN BASIC
150 REM THE FOLLOWING VARIABLES ARE USED IN THIS PROGRAM
160 REM N1=NUMBER OF CUSTOMERS
170 REM D$=REPORT DATE
180 REM N(I)=ITEM #
190 REM E$(I)=ITEM DESCRIPTION (11 CHARACTERS OR LESS PLEASE)
200 REM A(I)=CUSTOMER ACCOUNT #
210 REM N$(I)=CUSTOMER NAME (20 CHARACTERS OR LESS)
220 REM R$(I)=CUSTOMER STREET ADDRESS
230 REM S$(I)=CUSTOMER CITY & STATE ADDRESS
240 REM S(I)=QUANTITY SHIPPED
250 REM A$(I)=DATE SHIPPED
260 REM    EX.  1/7/75
270 REM B(I)=# OF ITEMS PURCHASED BY CUSTOMER
280 REM P(I)=SELLING PRICE (LESS SALES TAX)
290 REM U(I)=CUMULATIVE AMOUNT PAID ON PRESENT SALES
300 REM U$(I)=DATE OF LAST PAYMENT
310 REM    EX. 1/28/75
320 REM
330 REM  ************************************************
340 DIM N(100),E$(100),A(100),N$(100),R$(100),S$(100),S(100)
350 DIM A$(100),B(100),P(100),U(100),U$(100)
360 REM CHANGE THE ABOVE SUBSCRIPTS TO EQUAL YOUR NUMBER OF CUSTOMERS
370 REM  ************************************************
380 OPEN"I",#1,"BILL"
390 INPUT#1,N1
400 CLOSE
410 ST=.04
420 REM S IS THE SALES TAX PERCENTAGE
430 V$="$$########.##"
440 WIDTH 80
450 DEFDBL B
460 PRINT
470 PRINT "    UCC - COPYRIGHT BY . SCIENTIFIC RESEARCH - 1976 "
480 PRINT
490 PRINT
500 PRINT
510 PRINT
520 PRINT "     THIS IS THE BILLING AND ACCOUNTS RECEIVEABLE PROGRAM "
530 PRINT
540 PRINT
550 PRINT
560 PRINT "TYPE IN TODAYS DATE, AS: 3/22/75 ";
570 INPUT D$
580 GOTO 640
590 INPUT#1,A,N$,R$,S$,U,U$,B
600 RETURN
610 IF B=0 THEN 630
620 INPUT#1,E$,N,A$,S,P
630 RETURN
640 PRINT
650 PRINT
660 PRINT
670 PRINT
680 PRINT
690 PRINT
700 PRINT
710 PRINT "THE FOLLOWING IS A LIST OF REPORTS THAT THIS PROGRAM"
720 PRINT "WILL GENERATE. TO CHOOSE ONE TYPE IT'S NUMBER WHEN ASKED."
```

```
730 PRINT
740 PRINT "      1 - PRINT MAILING LABELS "
750 PRINT "      2 - PRINT UP BILLS "
760 PRINT "      3 - CUSTOMER A/R REPORT "
770 PRINT "      4 - SALES REPORT "
780 PRINT "      5 - LAST PURCHASE REPORT "
790 PRINT "      6 - UPDATE ACCOUNTS"
800 PRINT "      7 - STOP PROGRAM "
810 PRINT
820 PRINT "WHICH REPORT WOULD YOU LIKE TO RUN: ";
830 INPUT R
840 PRINT
850 IF R=7 THEN 4040
860 IF R=1 THEN 930
870 IF R=2 THEN 1230
880 IF R=3 THEN 2130
890 IF R=4 THEN 2500
900 IF R=5 THEN 3080
910 IF R=6 THEN 3410
920 GOTO 740
930 REM THIS SUB GENERATES THE MAILING LIST
940 PRINT
950 PRINT " THIS IS THE MAILING LIST ROUTINE "
960 PRINT
970 PRINT "WHEN YOU HAVE THE LABELS IN PLACE TYPE A 7: ";
980 INPUT Z2
990 Z1=5
1000 FOR I=1 TO Z1
1010 PRINT
1020 NEXT I
1030 LET Z=3
1040 OPEN"I",#1,"BILL"
1050 INPUT#1,N1
1060 FOR I=1 TO N1
1070 INPUT#1,A,N$,R$,S$
1080 PRINT TAB(Z);A
1090 PRINT TAB(Z);N$
1100 PRINT TAB(Z);R$
1110 PRINT TAB(Z);S$
1120 PRINT
1130 PRINT
1140 PRINT
1150 NEXT I
1160 CLOSE
1170 PRINT
1180 PRINT
1190 PRINT
1200 PRINT "END OF THE MAILING LIST ***** "
1210 PRINT
1220 GOTO 640
1230 REM THIS SUB GENERATES THE BILLING LIST #2
1240 B1=0
1250 B2=0
1260 B3=0
1270 REM THE FORMAT OF THE BILL PRINTING IS AS FOLLOWS:
1280 REM PAGE ONE PRINTS THE MAILING ADDRESS
1290 REM                                    DATE
1300 REM       ACCOUNT#
1310 REM       CUSTOMER NAME
1320 REM       STREET ADDRESS
1330 REM       CITY  STATE
1340 REM
1350 REM
1360 REM
1370 REM  ITEM#   DESCRIPTION  QUANTITY  DATE SHIPPED   UNIT PRICE
1380 REM    ..........      ...
```

```
1390 REM      ....          ......    ..
1400 REM
1410 REM
1420 REM TOTAL AMOUNT PAID  = $ XXX.XX
1430 REM DATE OF THE LAST PAYMENT   12/21/75
1440 REM TOTAL PIECES SHIPPED      XXXX
1450 REM TOTAL SALES TAX ON SALE = $ XX.XX
1460 REM TOTAL AMOUNT DUE    =  ******** $ XXX.XX ********
1470 REM
1480 PRINT
1490 PRINT
1500 PRINT "THIS GENERATES THE PRINTING OF THE BILLS"
1510 PRINT "WHEN THEY ARE IN PLACE TYPE A 7 :";
1520 INPUT Z
1530 LET Z=7
1540 FOR I=1 TO Z
1550 PRINT
1560 NEXT I
1570 LET Z=18
1580 OPEN"I",#1,"BILL":INPUT#1,N1
1590 FOR I=1 TO N1
1600 LET Z2=65
1610 LET Z=5
1620 GOSUB590
1630 IF B=0 THEN 2030
1640 PRINT TAB(Z);A
1650 PRINT TAB(Z);N$
1660 PRINT TAB(Z);R$
1670 PRINT TAB(Z);S$
1680 LET Z1=4
1690 FOR I3=1 TO Z1
1700 PRINT
1710 NEXT I3
1720 REM THIS IS TO SKIP DOWN TO THE STATEMENT SECTION OF THE BILL.
1730 Z7=65
1740 PRINT TAB(Z7);D$
1750 PRINT
1760 FOR I1=1 TO B
1770 GOSUB 620
1780 Z2=3
1790 PRINT TAB(Z2);
1800 PRINT N,E$,S,A$,P
1810 B1=B1+S
1820 B2=B2+S*P
1830 NEXT I1
1840 PRINT
1850 PRINT "TOTAL AMOUNT PAID      = $";U
1860 PRINT "DATE OF LAST PAYMENT   =   ";U$
1870 PRINT "TOTAL PIECES SHIPPED   =   ";B1
1880 B3=B2*ST
1890 B3=INT(.5+100*B3)/100
1900 PRINT "TOTAL SALES TAX AMT.   = ";:PRINT USING V$;B3
1910 B2=B2+B3-U(I)
1920 B2=INT(.5+100*B2)/100
1930 PRINT "TOTAL AMOUNT DUE       =   **********   ";:PRINTUSING V$;   B2;
1940 PRINT "   ********** "
1950 LET Z5=10-B
1960 FOR I6=1 TO Z5
1970 PRINT
1980 NEXT I6
1990 REM THIS IS TO SKIP TO THE NEXT BILL HEAD.
2000 B1=0
2010 B2=0
2020 B3=0
2030 NEXT I
2040 Z=12
```

```
2050 FOR I7=1 TO Z
2060 PRINT
2070 NEXT I7
2080 PRINT "END OF THE BILL PRINTING SEQUENCE."
2090 CLOSE
2100 PRINT
2110 PRINT
2120 GOTO 640
2130 REM THIS SUB GENERATES THE CUST. A/R REPORT #3
2140 LET B1=0
2150 LET B2=0
2160 LET B3=0
2170 PRINT
2180 PRINT
2190 PRINT "    C U S T O M E R S     A / R     R E P O R T    "$D$
2200 PRINT
2210 PRINT
2220 PRINT " ACC# ","  A/R $ ","PAYMENTS","  LS DATE","CUST NAME"
2230 PRINT
2240 OPEN"I",#1,"BILL";INPUT#1,N1
2250 FOR I=1 TO N1
2260 GOSUB 590
2270 IF B=0 THEN 2400
2280 FOR I1=1 TO B
2290 GOSUB 620
2300 T2=S*P
2310 T2=T2*(1+S)
2320 T2=INT(.5+100*T2)/100
2330 B3=B3+T2
2340 NEXT I1
2350 B3=INT(.5+100*B3)/100
2360 B1=B1+B3-U
2370 B2=B2+U
2380 PRINT A$"     "$;PRINTUSING V$$,B3-U,U,;PRINT "     "$U$$"    "$N$
2390 LET B3=0
2400 NEXT I
2410 PRINT
2420 PRINT
2430 PRINT
2440 PRINT "TOTAL PAYMENTS       = "$;PRINT USING V$$,B2
2450 PRINT "TOTAL ACCOUNTS/REC. = "$;PRINTUSING V$$,B1
2460 PRINT
2470 CLOSE
2480 PRINT
2490 GOTO 640
2500 REM THIS SUB GENERATES THE SALES REPORT BY DATE #4
2510 LET B1=0
2520 LET B2=0
2530 LET B3=0
2540 PRINT
2550 PRINT "WOULD YOU LIKE THE SALES REPORT TO COVER A DATE"
2560 PRINT "OTHER THEN THAT OF TODAY (YES OR NO) "$
2570 INPUT Y$
2580 PRINT
2590 IF Y$="NO" THEN 2660
2600 IF Y$="N" THEN 2660
2610 PRINT
2620 PRINT "INPUT THE SALES DATE FOR THIS REPORT "$
2630 INPUT Q$
2640 PRINT
2650 GOTO 2680
2660 LET Q$=D$
2670 PRINT
2680 PRINT
2690 PRINT "        S A L E S    R E P O R T    F O R  "$Q$
2700 PRINT "                                          TODAYS DATE "$D$
```

```
2710 PRINT
2720 PRINT "  ACC# ","  ITEM#"," QUANTITY "," SALES $"," CUST NAME"
2730 PRINT
2740 OPEN"I",#1,"BILL":INPUT#1,N1
2750 FOR I=1 TO N1
2760 GOSUB 590
2770 IF B=0 THEN 2850
2780 FOR I1=1 TO B
2790 GOSUB 620
2800 IF Q$<>A$ THEN 2840
2810 PRINT A,N,S,S*P;"    ";N$
2820 B1=B1+S
2830 B2=B2+S*P
2840 NEXT I1
2850 NEXT I
2860 CLOSE
2870 IF B1<>0 THEN 2900
2880 PRINT "THERE WAS NO ACTIVITY FOR THAT DATE - TRY AGAIN ?"
2890 GOTO 3000
2900 PRINT
2910 PRINT
2920 PRINT
2930 PRINT "TOTAL PIECES SOLD THIS DATE  : ";B1
2940 T2=B2*S
2950 T2=INT(.5+100*T2)/100
2960 PRINT "TOTAL SALES TAX THIS DATE    : ";:PRINTUSING V$;T2
2970 T2=T2+B2
2980 PRINT "TOTAL RECEIPTS THIS DATE     : ";:PRINTUSING V$;T2
2990 T2=0
3000 PRINT
3010 PRINT
3020 PRINT
3030 PRINT "WOULD YOU LIKE TO CHECH THE SALES FOR ANOTHER DATE :";
3040 INPUT Y$
3050 IF Y$="YES" THEN 2500
3060 IF Y$="Y" THEN 2500
3070 GOTO 640
3080 REM THIS SUB GENERATES THE LAST PURCHASE REPORT #5
3090 PRINT
3100 LET B1=0
3110 LET B2=0
3120 LET B3=0
3130 LET Z=6
3140 FOR I=1 TO Z
3150 PRINT
3160 NEXT I
3170 PRINT
3180 OPEN"I",#1,"BILL":INPUT#1,N1
3190 PRINT "        L A S T     P U R C H A S E     R E P O R T   ";D$
3200 PRINT
3210 PRINT
3220 PRINT
3230 PRINT "  ACC# "," ITEM# "," QUANTITY"," DATE "," CUST. NAME"
3240 PRINT
3250 FOR I=1 TO N1
3260 GOSUB 590
3270 IF S=0 THEN 3300
3280 PRINT A,N,S,A$;"   ";N$
3290 B1=B1+S*P
3300 NEXT I
3310 PRINT
3320 PRINT
3330 B1=B1*(1+S)
3340 B1=INT(.5+100*B1)/100
3350 PRINT "TOTAL LAST SALES :   ";:PRINT USING V$;B1
3360 PRINT
```

```
3370 PRINT
3380 PRINT
3390 PRINT
3400 GOTO 640
3410 REM UPDATING SECTION
3420 FOR I=1 TO 8:PRINT:NEXT I
3430 OPEN"I",#1,"BILL":OPEN"O",#2,"BSCR1":INPUT#1,N1
3440 PRINT"TYPE A - 0 - IF YOU ARE ADDING A NEW CUSTOMER"
3450 PRINT"TYPE A - 1 - IF YOU ARE UPDATING AN OLD ACCOUNT"
3460 PRINT"TYPE A - 2 - WHEN YOU ARE FINISHED"
3470 PRINT:INPUT D
3480 IF D<0 THEN 3440
3490 IF D>2 THEN 3440
3500 IF D=1 THEN 3540
3510 IF D=0 THEN 3830
3520 CLOSE
3530 GOTO 640
3540 REM
3550 PRINT#2,N1
3560 PRINT "TYPE IN THE CUSTOMER NUMBER ";
3570 INPUT N9
3580 FOR I4=1 TO N1
3590 GOSUB 590
3600 IF N8=A THEN 3680
3610 GOSUB 4010
3620 IF B<1 THEN 3660
3630 FOR I3=1 TO B
3640 GOSUB 620: GOSUB 4020
3650 NEXT I3
3660 NEXT I4
3670 GOSUB 4030:GOTO 3430
3680 PRINT:PRINT"ENTER THE NUMBER OF NEW TRANSACTIONS";
3690 INPUT NG
3700 BH=B
3710 B=B+NG
3720 GOSUB 4010
3730 IF BH<1 THEN 3750
3740 FORIY=1 TO BH:GOSUB 620:GOSUB 4020:NEXT IY
3750 PRINT:PRINT "ENTER THE FOLLOWING FOR EACH TRANS."
3760 PRINT"ITEM DESC., ITEM #, DATE OF TRANS., # PURCHASED, UNIT PRICE"
3770 PRINT
3780 FOR IU=1 TO NG
3790 INPUT E$,N,A$,S,P
3800 GOSUB 4020
3810 NEXT IU
3820 GOTO 3660
3830 REM
3840 PRINT#2,N1+1
3850 FOR I=1 TO N1
3860 GOSUB 590
3870 GOSUB 4010
3880 IF B<1 THEN 3930
3890 FOR I1=1 TO B
3900 GOSUB 620
3910 GOSUB 4020
3920 NEXT I1
3930 NEXT I
3940 PRINT "ENTER THE - ACC#,NAME,STREET AD.,CITY - STATE - ZIP,TOTAL PAID,DATE
OF LAST PAYMENT,AND # OF TRANSACTIONS"
3950 INPUT A,N$,R$,S$,U,U$,B
3960 IF B<1 THEN GOSUB 4030:PRINT:GOTO 3430
3970 PRINT:PRINT"ENTER THE TRANSACTION DATA AS:"
3980 PRINT"DESC.,ITEM#,DATE,# PURCHASED,UNIT PRICE":PRINT
3990 FOR I5=1 TO B:INPUTE$,N,A$,S,P:GOSUB 4020:NEXT I5
4000 GOSUB4030:GOTO 3430
4010 PRINT#2,A;N$;",";R$;",";S$;",";U;U$;",";B:RETURN
```

```
4020 PRINT#2,E$;",";N$;A$;",";S;P:RETURN
4030 CLOSE:KILL"BILL":NAME "BSCR1" AS "BILL":RETURN
4040 END
```

A C B D

This is the depreciation program, it is set up to perform a monthly analysis of depreciation. Each item to be depreciated must be entered, then a depreciation schedule for the life of the unit is generated. An example of the print outs from the program is shown on the next three pages. Four thousand bytes of memory are required for storage and execution of this program.

THIS IS THE DEPRECIATION PROGRAM IT IS USED TO
CALCULATE THE MONTHLY DEPRECIATION ON YOUR FIXED
ASSETS, ONE AT A TIME. THEN THIS IS SUBTRACTED
FROM THE COST AND THE REMAINDER IS THE PRESENT
VALUE. THEN THE AMOUNT OF WEEKLY DEPRECIATION IS
ENTERED UNDER ACCOUNT #7000 - FIXED ASSETS IN THE
LEDGER PROGRAM - ACBL.

WHAT IS THE AMOUNT OF THE INVESTMENT? 318.75

WHAT IS THE SALVAGE VALUE? 55.00

WHAT IS THE DEPRECIABLE LIFE (IN YEARS)? 5

AT THE END OF WHICH MONTH (1 THRU 12), AND IN WHAT YEAR
(EG. 1968) IS THE INVESTMENT MADE? 2
?? 1977

DATE	STRLINE	DDB	SYD	150\DB
1977 / 1	0	0	0	0
1977 / 2	0	0	0	0
1977 / 3	4.39583	10.625	7.32639	.025
1977 / 4	4.39583	10.625	7.32639	.025
1977 / 5	4.39583	10.625	7.32639	.025
1977 / 6	4.39583	10.625	7.32639	.025
1977 / 7	4.39583	10.625	7.32639	.025
1977 / 8	4.39583	10.625	7.32639	.025
1977 / 9	4.39583	10.625	7.32639	.025
1977 / 10	4.39583	10.625	7.32639	.025
1977 / 11	4.39583	10.625	7.32639	.025
1977 / 12	4.39583	10.625	7.32639	.025
1977	43.9583	106.25	73.2639	.25
CUM DEP	43.9583	106.25	73.2639	.25
UNDEPR BAL	219.792	157.5	190.486	263.5
1978 / 1	4.39583	7.08333	6.10532	7.9625
1978 / 2	4.39583	7.08333	6.10532	7.9625
1978 / 3	4.39583	7.08333	6.10532	7.9625
1978 / 4	4.39583	7.08333	6.10532	7.9625
1978 / 5	4.39583	7.08333	6.10532	7.9625
1978 / 6	4.39583	7.08333	6.10532	7.9625
1978 / 7	4.39583	7.08333	6.10532	7.9625
1978 / 8	4.39583	7.08333	6.10532	7.9625
1978 / 9	4.39583	7.08333	6.10532	7.9625
1978 / 10	4.39583	7.08333	6.10532	7.9625
1978 / 11	4.39583	7.08333	6.10532	7.9625
1978 / 12	4.39583	7.08333	6.10532	7.9625
1978	52.75	85	73.2639	95.55
CUM DEP	96.7083	191.25	146.528	95.8
UNDEPR BAL	167.042	72.5	117.222	167.95
1979 / 1	4.39583	4.25	4.64005	5.57375

1979 / 2	4.39583	4.25	4.64005	5.57375
1979 / 3	4.39583	4.25	4.64005	5.57375
1979 / 4	4.39583	4.25	4.64005	5.57375
1979 / 5	4.39583	4.25	4.64005	5.57375
1979 / 6	4.39583	4.25	4.64005	5.57375
1979 / 7	4.39583	4.25	4.64005	5.57375
1979 / 8	4.39583	4.25	4.64005	5.57375
1979 / 9	4.39583	4.25	4.64005	5.57375
1979 / 10	4.39583	4.25	4.64005	5.57375
1979 / 11	4.39583	4.25	4.64005	5.57375
1979 / 12	4.39583	4.25	4.64005	5.57375
1979	52.75	51	55.6806	66.885
CUM DEP	149.458	242.25	202.208	162.685
UNDEPR BAL	114.292	21.5	61.5417	101.065
1980 / 1	4.39583	1.79167	3.17477	3.90163
1980 / 2	4.39583	1.79167	3.17477	3.90163
1980 / 3	4.39583	1.79167	3.17477	3.90163
1980 / 4	4.39583	1.79167	3.17477	3.90163
1980 / 5	4.39583	1.79167	3.17477	3.90163
1980 / 6	4.39583	1.79167	3.17477	3.90163
1980 / 7	4.39583	1.79167	3.17477	3.90163
1980 / 8	4.39583	1.79167	3.17477	3.90163
1980 / 9	4.39583	1.79167	3.17477	3.90163
1980 / 10	4.39583	1.79167	3.17477	3.90163
1980 / 11	4.39583	1.79167	3.17477	3.90163
1980 / 12	4.39583	1.79167	3.17477	3.90163
1980	52.75	21.5	38.0972	46.8195
CUM DEP	202.208	263.75	240.306	209.505
UNDEPR BAL	61.5417	0	23.4444	54.2455
1981 / 1	4.39583	0	1.70949	2.73114
1981 / 2	4.39583	0	1.70949	2.73114
1981 / 3	4.39583	0	1.70949	2.73114
1981 / 4	4.39583	0	1.70949	2.73114
1981 / 5	4.39583	0	1.70949	2.73114
1981 / 6	4.39583	0	1.70949	2.73114
1981 / 7	4.39583	0	1.70949	2.73114
1981 / 8	4.39583	0	1.70949	2.73114
1981 / 9	4.39583	0	1.70949	2.73114
1981 / 10	4.39583	0	1.70949	2.73114
1981 / 11	4.39583	0	1.70949	2.73114
1981 / 12	4.39583	0	1.70949	2.73114
1981	52.75	0	20.5138	32.7737
CUM DEP	254.958	263.75	260.819	242.278
UNDEPR BAL	8.79178	0	2.93054	21.4718
1982 / 1	4.39583	0	1.46527	11.4708
1982 / 2	4.39583	0	1.46527	11.4708
1982 / 3	0	0	0	0
1982 / 4	0	0	0	0
1982 / 5	0	0	0	0
1982 / 6	0	0	0	0
1982 / 7	0	0	0	0
1982 / 8	0	0	0	0
1982 / 9	0	0	0	0
1982 / 10	0	0	0	0

1982 / 11	0	0	0	0
1982 / 12	0	0	0	0
1982	8.79178	0	2.93054	22.9415
CUM DEP	263.75	263.75	263.75	265.22
UNDEPR BAL	0	0	0	0

```
100 PRINT
110 PRINT
120 REM                    ACBD  REV:0
130 REM THIS IS THE DEPRECIATION PROGRAM
140 PRINT "THIS IS THE DEPRECIATION PROGRAM IT IS USED TO"
150 PRINT "CALCULATE THE MONTHLY DEPRECIATION ON YOUR FIXED"
160 PRINT "ASSETS, ONE AT A TIME. THEN THIS IS SUBTRACTED "
170 PRINT "FROM THE COST AND THE REMAINDER IS THE PRESENT"
180 PRINT "VALUE. THEN THE AMOUNT OF WEEKLY DEPRECIATION IS"
190 PRINT "ENTERED UNDER ACCOUNT #7000 - FIXED ASSETS IN THE"
200 PRINT "LEDGER PROGRAM - ACBL.":PRINT
210 PRINT
220 PRINT"WHAT IS THE AMOUNT OF THE INVESTMENT";
230 INPUT I1
240 A8=0
250 PRINT
260 PRINT"WHAT IS THE SALVAGE VALUE";
270 INPUT S1
280 PRINT
290 PRINT"WHAT IS THE DEPRECIABLE LIFE ( IN YEARS)";
300 INPUT L1
310 PRINT
320 PRINT"AT THE END OF WHICH MONTH (1 THRU 12), AND IN WHAT YEAR"
330 PRINT"(EG. 1968) IS THE INVESTMENT MADE";
340 INPUT A1,A9
350 PRINT
360 PRINT
370 PRINT
380 PRINT"         DATE","      STRLINE","         DDB","      SYD","     150%
DB"
390 PRINT
400 K=A9
410 D1=((I1-S1)/L1)*(1-A1/12)
420 Q1=D1
430 F2=0
440 D2=(2/L1)*I1*(1-A1/12)
450 Q2=D2
460 D3=((I1-S1)*(1-A1/12)*(2*L1))/((L1+1)*L1)
470 Q3=D3
480 D4=(1.5/L1)*(1-A1/12)
490 Q4=D4
500 V1=D1/(1+R)
510 V2=D2/(1+R)
520 V3=D3/(1+R)
530 V4=D4/(1+R)
540 FOR M=1 TO 12
550 IF M<(A1+1) THEN 580
560 M1=D1/(12-A1)
570 GOTO 590
580 M1=0
590 IF M<(A1+1) THEN 620
600 M2=D2/(12-A1)
610 GOTO 630
620 M2=0
630 IF M<(A1+1) THEN 660
640 M3=D3/(12-A1)
650 GOTO 670
660 M3=0
670 IF M<(A1+1) THEN 700
680 M4=D4/(12-A1)
```

```
690 GOTO 710
700 M4=0
710 IF A8=1 THEN 730
720 PRINTK#"/"#TAB(5)#M#TAB(15)#M1,M2,M3,M4
730 NEXT M
740 GOSUB 1490
750 K=K+1
760 D1=(I1-S1)/L1
770 IF K<(A9+L1) THEN 830
780 D1=I1-S1-Q1
790 IF D1>1 THEN 840
800 D1=0
810 M1=D1/A1
820 GOTO 840
830 M1=D1/12
840 D2=(2/L1)*(I1-Q2)
850 IF K>A9+L1 THEN 1010
860 IF Y<1 THEN 950
870 IF F2>0 THEN 940
880 E2=(I1-S1-Q2)/(A9+L1-K+(A1/12))
890 IF Y=1 THEN 920
900 IF K<Y THEN 950
910 GOTO 930
920 IF D2>E2 THEN 950
930 F2=E2
940 D2=F2
950 IF D2<=I1-S1-Q2 THEN 990
960 D2= I1-S1-Q2
970 IF D2>1 THEN 990
980 D2=0
990 M2=D2/12
1000 GOTO 1040
1010 IF D2>1 THEN 1030
1020 D2=0
1030 M2=D2/A1
1040 P3=(I1-S1-Q3)*2*(A9+L1-K+(A1/12))
1050 P4=(A9+L1-K+1)*(A9+L1-K+(A1/6))
1060 D3=P3/P4
1070 IF K<(A9+L1) THEN 1120
1080 IF D3>1 THEN 1100
1090 D3=0
1100 M3=D3/A1
1110 GOTO 1130
1120 M3=D3/12
1130 D4=(1.5/L1)*(I1-Q4)
1140 IF K<A9+L1 THEN 1220
1150 IF K=A9+L1 THEN 1180
1160 D4=0
1170 GOTO 1260
1180 IF D4>1 THEN 1200
1190 D4=0
1200 M4=D4/A1
1210 GOTO 1270
1220 IF D4<=I1-S1-Q4 THEN 1240
1230 D4=I1-S1-Q4
1240 IF D4>1 THEN 1260
1250 D4=0
1260 M4=D4/12
1270 V1=V1+D1/((1+R)^(K-(A9-1)))
1280 V2=V2+D2/((1+R)^(K-(A9-1)))
1290 V3=V3+D3/((1+R)^(K-(A9-1)))
1300 V4=V4+D4/((1+R)^(K-(A9-1)))
1310 FOR M=1 TO 12
1320 IF I1-S1-Q1>1 THEN 1340
1330 M1=0
1340 Q1=Q1+M1
```

```
1350 IF I1-S1-Q2>1 THEN 1370
1360 M2=0
1370 Q2=Q2+M2
1380 IF I1-S1-Q3>1 THEN 1400
1390 M3=0
1400 Q3=Q3+M3
1410 IF I1-S1-Q4>1 THEN 1430
1420 M4=0
1430 Q4=Q4+M4
1440 IF A8=1 THEN 1460
1450 PRINTK;"/";TAB(5);M;TAB(15);M1,M2,M3,M4
1460 NEXT M
1470 GOSUB 1490
1480 GOTO 1710
1490 PRINT
1500 PRINT K,D1,D2,D3,D4
1510 IF A8=1 THEN 1530
1520 PRINT
1530 PRINT"CUM DEP",Q1,Q2,Q3,Q4
1540 IF A8=1 THEN 1560
1550 PRINT
1560 B1=I1-S1-Q1
1570 IF B1>1 THEN 1590
1580 B1=0
1590 B2=I1-S1-Q2
1600 IF B2>1 THEN 1620
1610 B2=0
1620 B3=I1-S1-Q3
1630 IF B3>1 THEN 1650
1640 B3=0
1650 B4=I1-S1-Q4
1660 IF B4>1 THEN 1680
1670 B4=0
1680 PRINT"UNDEPR BAL",B1,B2,B3,B4
1690 PRINT
1700 RETURN
1710 IF K>=(A9+L1) THEN 1730
1720 GOTO 750
1730 PRINT
1740 END
```

A C B I

This is the inventory program, it is a disk interactive version of the Inventory program shown in Volume III of this set. The reports generated by the disk version are identical to those generated by the version in Volume III except for the updating section. Here the data base may be actively updated under program control. For sample listings or additional program information the reader is referred to the Inventory program in Volume III of the Basic Software Library. ACBI will require 15K of free memory for operation.

```
100 REM ACBI REV:0
110 REM THE INVENTRY PROGRAM
120 REM THE FOLLOWING VARIABLES ARE USED IN THIS PROGRAM
130 REM N=TOTAL # OF INVENTORY ITEMS
140 REM N(I)=ITEM #
150 REM C(I)=CLASS OR SUBITEM #
160 REM V(I)=VENDOR #
170 REM E$(I)=DESCRIPTION (LESS THEN 20 CHARACTERS PLEASE)
180 REM O(I)=UNIT COST $
190 REM L(I)=LOCATION # DESIGNATES WHERE ITEM IS STORED.
200 REM LINE NUMBER TWO OF THE DATA STATEMENT NOW HAS
210 REM H(I)=QUANTITY ON HAND
220 REM S(I)=NUMBER OF SALES DURING THE LAST INVENTORY PERIOD
230 REM A$(I)=DATE OF THIS PERIOD - BE CONSISTENT EX: 12/18/75
240 REM P(I)=SELLING PRICE IN $
250 REM
260 A0=100
270 DIM N(A0),C(A0),V(A0),E$(A0),O(A0),L(A0),H(A0),S(A0),A$(A0)
280 DIM P(A0)
290 REM CHANGE THE ABOVE SUBSCRIPTS TO EQUAL THE NUMBER OF YOUR
300 REM TOTAL INVENTORY ITEMS.
310 REM **********==============================
320 DEFDBL A-B
330 V$="$$$$$$$$$.##"
340 GOTO 400
350 INPUT#1,N,C,V,E$,O,L,H,S,A$,P
360 RETURN
370 PRINT#2,N,C,V,E$;",";O,L,H,S,A$;",";P:RETURN
380 CLOSE:KILL"INV":NAME "ISCRI" AS "INV":RETURN
390 OPEN"I",#1,"INV":RETURN
400 PRINT
410 PRINT  "     UCC - COPYRIGHT BY SCIENTIFIC  RESEARCH - 1976"
420 PRINT
430 PRINT
440 PRINT
450 PRINT
460 PRINT
470 PRINT "  THIS IS THE INVENTORY ACCOUNTING PROGRAM "
480 PRINT
490 PRINT
500 PRINT
510 PRINT "TYPE IN THE DATE, AS: 1/14/75 ";
520 INPUT D$
530 PRINT
540 FOR I=1 TO 7
550 PRINT
560 NEXT I
570 PRINT
580 PRINT
590 PRINT
600 PRINT "THE FOLLOWING IS A LIST OF THE REPORTS THAT ARE AVAILABLE"
610 PRINT "TO CHOOSE ONE TYPE IT'S NUMBER TO THE PROGRAM PROMPT."
620 PRINT
630 PRINT "      1 = ACTIVITY REPORT "
640 PRINT "      2 = MINIMUM QUANTITY SEARCH "
650 PRINT "      3 = INVENTORY LIST "
660 PRINT "      4 = INVENTORY LIST BY CLASS "
670 PRINT "      5 = INVENTORY LIST BY VENDOR "
680 PRINT "      6 = UPDATE THE INVENTRY"
690 PRINT "      7 = STOP PROGRAM "
700 PRINT
710 PRINT "WHICH REPORT WOULD YOU LIKE TO RUN:";
720 INPUT R
```

```
730 PRINT
740 IF R=7 THEN 3550
750 IF R=1 THEN 830
760 IF R=2 THEN 1540
770 IF R=3 THEN 1890
780 IF R=4 THEN 2260
790 IF R=5 THEN 2750
800 IF R=6 THEN 3170
810 PRINT
820 GOTO 630
830 REM THIS SUB GENERATES THE ACTIVITY REPORT  # 1
840 LET A=5
850 FOR I=1 TO A
860 PRINT
870 NEXT I
880 PRINT "WOULD YOU LIKE YOUR ACTIVITY REPORT TO COVER A DATE"
890 PRINT "OTHER THEN THAT OF TODAY (YES OR NO)"$
900 B1=0
910 B2=0
920 B3=0
930 A1=0
940 A2=0
950 A3=0
960 INPUT Y$
970 PRINT
980 IF Y$="NO" THEN 1110
990 IF Y$="N" THEN 1110
1000 PRINT
1010 B1=0
1020 B2=0
1030 B3=0
1040 PRINT "INPUT THE PERIOD DATE FOR THIS REPORT "$
1050 A1=0
1060 A2=0
1070 A3=0
1080 INPUT Q$
1090 PRINT
1100 GOTO 1130
1110 Q$=D$
1120 PRINT
1130 PRINT
1140 PRINT "   A C T I V I T Y    R E P O R T    F O R  "$Q$
1150 PRINT
1160 PRINT '                                          TODAYS DATE "$D$
1170 PRINT
1180 PRINT " ITEM# "," DESCRIPTION "," #ON HAND "," $SALES "," $PROFIT"
1190 PRINT
1200 GOSUB 390$INPUT#1,NU
1210 A7=0
1220 FOR I=1 TO NU
1230 GOSUB 350
1240 A8=S*(P-O)
1250 IF A$=Q$ THEN 1280
1260 NEXT I
1270 GOTO 1350
1280 PRINT N,E$,H,$PRINTUSING V$$,S*P,A8
1290 A3=A3+A8
1300 A2=A2+S*P
1310 A1=A1+1
1320 B1=B1+S
1330 A7=1
1340 GOTO 1260
1350 IF A7=1 THEN 1380
1360 PRINT
1370 PRINT "THERE WAS NO ACTIVITY DURING THAT PERIOD "
1380 PRINT
```

```
1390 PRINT "TOTAL PIECES SOLD   = "$B1
1400 PRINT "TOTAL ITEMS         = "$A1
1410 PRINT "TOTAL DOLLAR SALES  = "$:PRINT USING V$$A2
1420 PRINT "TOTAL DOLLAR PROFIT = "$:PRINT USING V$$A3
1430 PRINT
1440 CLOSE
1450 PRINT
1460 PRINT
1470 PRINT
1480 PRINT "WOULD YOU LIKE TO CHECK THE ACTIVITY FOR ANOTHER PERIOD "$
1490 INPUT Y$
1500 PRINT
1510 IF Y$="YES" THEN 1000
1520 IF Y$="Y" THEN 1000
1530 GOTO 530
1540 REM THIS SUB GENERATES A SEARCH FOR MINIMUM QUANTITIES
1550 REM THIS IS REPORT #2
1560 T=5
1570 FOR I=1 TO T
1580 PRINT
1590 NEXT I
1600 PRINT "    M I N I M U M     Q U A N T I T Y     S E A R C H  "$D$
1610 PRINT
1620 PRINT
1630 PRINT "TYPE IN THE MINIMUM QUANTITY LEVEL THAT YOU ARE INTERESTED"
1640 PRINT "IN. FOR EXAMPLE TO CHECK FOR 0 STOCK ITEMS TYPE A = 1"
1650 PRINT "TO CHECK FOR ITEMS WITH QUANTITIES LESS THEN 5 TYPE A = 5"
1660 PRINT "TYPE A 0 IF YOU WANT ANOTHER REPORT INSTEAD. INPUT QUANTITY: "$
1670 INPUT A5
1680 IF A5=0 THEN 530
1690 IF A5<0 THEN 530
1700 PRINT
1710 GOSUB 390:INPUT#1,NU
1720 PRINT
1730 PRINT "   MINIMUM QUANTITY ON HAND SEARCH REPORT  "$D$
1740 PRINT
1750 PRINT
1760 PRINT " ITEM# "," DESCRIPTION "," #ON HAND "," #SOLD "," LOCAT#"
1770 PRINT
1780 FOR I=1 TO NU
1790 GOSUB 350
1800 IF H<A5 THEN 1840
1810 IF H=A5 THEN 1840
1820 NEXT I
1830 GOTO 1860
1840 PRINT N,E$,H,S,L
1850 GOTO 1820
1860 PRINT
1870 CLOSE
1880 GOTO 530
1890 REM THIS IS THE INVENTORY LIST SUB #3
1900 LET A=5
1910 FOR I=1 TO A
1920 PRINT
1930 NEXT I
1940 PRINT "      L I S T     O F     I N V E N T O R Y   "$D$
1950 PRINT
1960 PRINT
1970 PRINT TAB(3)$
1980 PRINT "  ITEM # "," CLASS # "," VENDOR #"," COST $"," DESCRIPTION"
1990 PRINT
2000 PRINT " LOCAT# "," QUAN# "," #SOLD "," SEL PR$ "," LST DATE"
2010 PRINT
2020 PRINT
2030 A1=0
2040 A2=0
```

```
2050 A3=0
2060 A4=0
2070 GOSUB 390:INPUT#1,NU
2080 FOR I=1 TO NU
2090 PRINT N,C,V,D,E$
2100 PRINT L,H,S,P,A$
2110 A1=A1+O*H
2120 A2=A2+P*S
2130 A3=A3+H
2140 PRINT
2150 NEXT I
2160 PRINT
2170 CLOSE
2180 PRINT
2190 PRINT "PRESENT INVENTORY COST  = ";:PRINTUSING V$;A1
2200 PRINT "TOTAL NUMBER OF PIECES  =  ";A3
2210 PRINT "TOTAL LST SALES PERIODS = ";:PRINT USING V$;A2
2220 N=NU
2230 PRINT "TOTAL NUMBER OF INVENTORY ITEM ON RECORD = ";N
2240 PRINT
2250 GOTO 530
2260 REM THIS SUB GENERATES AN INVENTORY LISTING BY CLASS  #4
2270 A=5
2280 FOR I=1 TO A
2290 PRINT
2300 NEXT I
2310 PRINT "THIS REPORT GENERATES A LIST BY CLASS CODE FROM THE ITEMS"
2320 PRINT "PRESENTLY ON YOUR INVENTORY RECORD."
2330 PRINT "TYPE IN THE CLASS CODE YOU WANT SEARCHED:";
2340 INPUT A5
2350 B1=0
2360 B2=0
2370 B3=0
2380 PRINT
2390 PRINT
2400 PRINT
2410 PRINT "          C L A S S     C O D E     L I S T  ";D$
2420 PRINT
2430 PRINT
2440 PRINT " CLASS# ","  ITEM# ","  DESCRIP. ","  #ON HAND","  VENDOR#"
2450 PRINT
2460 A7=0
2470 GOSUB 390:INPUT#1,NU
2480 FOR I=1 TO NU
2490 IF C=A5 THEN 2520
2500 NEXT I
2510 GOTO 2580
2520 PRINT C,N,E$,H,V
2530 B1=B1+H*O
2540 B2=B2+1
2550 B3=B3+H
2560 A7=1
2570 GOTO 2500
2580 IF A7=1 THEN 2610
2590 PRINT "CAN'T FIND THAT CLASS CODE IN THE INVENTORY LIST RECHECK CODE#"
2600 PRINT
2610 PRINT
2620 PRINT "TOTAL CLASS COST     =  ";:PRINTUSING V$;B1
2630 PRINT "TOTAL NUMBER OF ITEMS  =";B2
2640 PRINT "TOTAL NUMBER OF PIECES =";B3
2650 PRINT
2660 PRINT "WOULD YOU LIKE TO CHECK ANOTHER CLASS CODE (YES OR NO) ";
2670 INPUT Y$
2680 PRINT
2690 PRINT
2700 CLOSE
```

```
2710 IF Y$="YES" THEN 2330
2720 IF Y$="Y" THEN 2330
2730 PRINT
2740 GOTO 530
2750 REM THIS SUB GENERATESTHE VENDOR CODE LIST  # 5
2760 LET A=5
2770 FOR I=1 TO A
2780 PRINT
2790 NEXT I
2800 PRINT "TYPE IN THE VENDOR CODE YOU WOULD LIKE TO SEARCH ";
2810 INPUT A5
2820 PRINT
2830 PRINT
2840 PRINT "       V E N D O R     C O D E     L I S T   ";D$
2850 PRINT
2860 PRINT
2870 PRINT " VENDOR# ";" ITEM# ";" CLASS ";" #ON HAND";" DESC."
2880 PRINT
2890 A1=0
2900 A7=0
2910 GOSUB 390:INPUT#1,NU
2920 FOR I=1 TO NU
2930 IF V=A5 THEN 2960
2940 NEXT I
2950 GOTO 3000
2960 PRINT V,N,C,H,E$
2970 A7=1
2980 A1=A1+1
2990 GOTO 2940
3000 IF A7=1 THEN 3030
3010 PRINT
3020 PRINT "COULDN'T FIND THAT VENDOR IN THE INVENTORY LIST - TRY AGAIN"
3030 PRINT
3040 PRINT "TOTAL NUMBER OF ITEMS = ";A1
3050 PRINT
3060 PRINT
3070 PRINT
3080 PRINT
3090 CLOSE
3100 PRINT "WOULD YOU LIKE TO CHECK ANOTHER VENDOR ";
3110 INPUT Y$
3120 PRINT
3130 PRINT
3140 IF Y$="YES" THEN 2800
3150 IF Y$="Y" THEN 2800
3160 GOTO 530
3170 REM
3180 FOR I9=1 TO 7:PRINT:NEXT I9
3190 PRINT"THIS IS THE UPDATING SECTION"
3200 PRINT
3210 PRINT"TYPE A - 0 - TO EXIT THIS SECTION"
3220 PRINT"TYPE A - 1 - TO ADD A NEW ITEM"
3230 PRINT"TYPE A - 2 - TO UPDATE AN OLD ITEM":PRINT:INPUTF
3240 IF F<0 THEN 3190
3250 IF F>2 THEN 3190
3260 IF F=0 THEN 530
3270 IF F=1 THEN 3290
3280 IF F=2 THEN 3390
3290 REM NEW ITEM
3300 GOSUB 390:OPEN"O",#2,"ISCR1":INPUT#1,NU:PRINT#2,NU+1
3310 PRINT
3320 FOR I6=1 TO NU:GOSUB 350:GOSUB 370:NEXT I6
3330 PRINT"ENTER THE ITEM DATA AS FOLLOWS:"
3340 PRINT"ITEM#, CLASS#, VENDOR#, DESC., COST, LOCATION, ON HAND, # SOLD THIS
ERIOD, DATE OF LAST SALE OR PURCHASE, SELLING PRICE"
3350 INPUT N,C,V,E$,O,L,H,S,A$,P
```

```
3360 GOSUB 370
3370 GOSUB 380
3380 PRINT:GOTO 3200
3390 REM OLD ITEM#
3400 FOR I=1 TO 7:PRINT:NEXT I
3410 GOSUB 390:INPUT#1,NU:OPEN"O",#2,"ISCRL":PRINT#2,NU
3420 PRINT"INPUT THE ITEM#  ";:INPUT J9
3430 PRINT
3440 FOR I=1 TO NU
3450 GOSUB 350
3460 IF J9=N THEN 3510
3470 GOSUB 370
3480 NEXT I
3490 GOSUB 380
3500 GOTO 3200
3510 PRINT:PRINT"ENTER THE ITEM DATA AS FOLLOWS:"
3520 PRINT:PRINT"# ON HAND, # SOLD THIS PERIOD, DATE OF LAST SALE"
3530 INPUT H,S,A$
3540 GOTO 3470
3550 END
```

A C B L

This is the ledger program, it will store and execute in 15K Bytes of free memory. This program performs periodic updates to the ledger files and also generates Payroll, Sales, A/P, Cash and Expense statistics. From these totals the Balance Sheet, P&L, Year End taxes, 941's and W2 information may be generated. This program does not take into consideration the A/R or Saleable (merchandise) inventory. These totals must be obtained by running the ACBB and ACBI programs. The following three pages illustrates program operation. The first page illustrates a typical session. The second and third pages are report print outs for the sample session and prior year to date totals. The programs source code follows these first three pages.

```
          ACBL - LEDGER PROGRAM

  UCC - COPYRIGHT 1977 ,  SCIENTIFIC RESEARCH

DEPT. NUMBER ? 51
FIRM NAME    ? SCIENTIFIC RESEARCH

WEEK ENDING  ? 8/5/77


HOW MANY NEW EMPLOYEES? 0


HOW MANY EMPLOYEES TO DELETE? 0


WAS THIS A 80 HOUR PAY PERIOD? YES

DID ALL EMPLOYEES WORK  80 HOURS? NO
HOW MANY EMPLOYEES DID NOT WORK  80 HOURS? 1
TYPE EMPLOYEE #, THEN # OF HOURS WORKED
? 6732,65


HOW MANY LEDGER ENTRIES? 3
ENTER LEDGER ITEMS IN ORDER...
 ACCT.NO., CHECK NO., DATE, PAYEE, AMOUNT
? 100,4567,8/2/77,LAFAYETTE,87.12
? 2400,4568,8/3/77,GEO SUPPLY,45.16
? 1500,4569,8/3/77,RADCO INC.,56.75


HOW MANY CASH ITEMS? 2
ENTER ITEMS IN ORDER...
 DATE, TO WHOM, AMOUNT

? 8/2/77,ED PHILLIPS,12.85
? 8/3/77,UPS,8.63


ENTER RECEIPTS FOR EACH DAY
SUNDAY    ? 0
MONDAY    ? 345.12
TUESDAY   ? 456.72
WEDNESDAY ? 126.90
THURSDAY  ? 671.81
FRIDAY    ? 572.62
SATURDAY  ? 0



POSITION PRINTER AT PAGE TOP -- HIT 'RETURN' WHEN READY?
```

MINI-LEDGER

UCC - COPYRIGHT 1977 . SCIENTIFIC RESEARCH

DEPT. NUMBER : 51
FIRM NAME :SCIENTIFIC RESEARCH
FOR WEEK ENDING :8/5/77

ALL SALES

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
0.00	345.12	456.72	126.90	671.81	572.62	0.00

THIS WEEK 2173.17 LAST WEEK 567.43 TO DATE 2740.60

PAYROLL

EMP#	SOC.SEC#	NAME	HRS WKD	GROSS WAGES	FICA AMT	FEDRL WITH	STATE WITH	MISC DED	NET WAGES
6732	237-62-1932	J. M. DOYLE	65	424.45	24.83	55.28	0.00	8.93	335.41
3112	698-32-2679	G.R. CRAMER	80	254.40	14.88	33.02	0.00	7.50	199.00
918	183-67-2110	PHIL JOHNSON	80	350.40	20.49	42.86	0.00	16.50	270.55
A671	823-16-4312	J. SWAIN	80	460.00	26.91	54.69	0.00	8.50	369.90
		TOTALS	80	1489.25	87.11	185.85	0.00	41.43	1174.86

A/P

AC#	CHECK #	DATE	TO WHOM	EXPLANATION	AMOUNT
100	4567	8/2/77	LAFAYETTE	MERCHANDISE	87.12
2400	4568	8/3/77	GEO SUPPLY	OFFICE EXPEN	45.16
1500	4569	8/3/77	RADCO INC.	SHOP EXPENSE	56.75

OPENING BALANCE 312.48 CLOSING BALANCE 123.45 TOTAL 189.03

PETTY CASH

DATE	TO WHOM	AMOUNT
8/2/77	ED PHILLIPS	12.85
8/3/77	UPS	8.63

OPENING BAL 25.13 TOTAL 21.48 CLOSING BAL 46.61

EXPENSES

AC#	DESCRIPTION	THIS WEEK	LAST WEEK	TO DATE
100	MERCHANDISE	87.12	123.45	210.57
200	SHIPPING	0.00	0.00	0.00
300	FREIGHT	0.00	0.00	0.00
400	POSTAGE	0.00	0.00	0.00
1000	BAD DEBTS	0.00	0.00	0.00
1500	SHOP EXPENSE	56.75	0.00	56.75
2000	ACCOUNTING	0.00	0.00	0.00
2100	INSURANCE	0.00	0.00	0.00
2200	LEGAL	0.00	0.00	0.00
2300	LICENSES	0.00	0.00	0.00
2400	OFFICE EXPEN	45.16	0.00	45.16
2500	MISC/PETTY	21.48	0.00	21.48
2600	LEASING EXPS	0.00	0.00	0.00
2700	LEASING IN	0.00	0.00	0.00
2800	TELEPHONE	0.00	0.00	0.00
2900	UTILITIES	0.00	0.00	0.00
3000	PAYROLL	1174.86	0.00	1174.86
3100	TAX-SOC.SEC.	87.11	0.00	87.11
3200	TAX-ST UNEM.	0.00	0.00	0.00
3300	INTEREST	0.00	0.00	0.00
3400	TAX-OTHER	0.00	0.00	0.00
3500	CONTRIBUTION	0.00	0.00	0.00
4000	ENTERTAINMNT	0.00	0.00	0.00
4100	ADVERTISING	0.00	0.00	0.00
4200	TRAVEL	0.00	0.00	0.00
4300	AUTO	0.00	0.00	0.00
4400	DUES+SUBSCRP	0.00	0.00	0.00
5000	NOTES+LOANS	0.00	0.00	0.00
5100	FED.INC.TAX	0.00	0.00	0.00
5200	LOAN RECVBL	0.00	0.00	0.00
6000	PERSONAL ACS	0.00	0.00	0.00
7000	FIXED ASSETS	0.00	0.00	0.00
	TOTALS	1472.48	123.45	1595.93

PROFIT AND LOSS

	INCOME	EXPENSES	PROFIT/<LOSS>
LAST WK	567.43	123.45	443.98
THIS WK	2173.17	1472.48	700.69
TO DATE	2740.60	1595.93	1144.67

```
100 CLEAR 300
110 OPEN"I",1,"EMPFL",0
120 INPUT#1,B1
130 CLOSE 1
140 DEFDBL A
150 DEFDBL L
160 DEFDBL O-Z
170 DEFDBL C
180 DIM A1(B1)
190 PRINT CHR$(26)
200 DATA"SUNDAY","MONDAY","TUESDAY","WEDNESDAY","THURSDAY","FRIDAY"
210 DATA"SATURDAY"
220 DATA 100,"MERCHANDISE",200,"SHIPPING",300,"FREIGHT"
230 DATA 400,"POSTAGE",1000,"BAD DEBTS",1500,"SHOP EXPENSE"
240 DATA 2000,"ACCOUNTING",2100,"INSURANCE",2200,"LEGAL"
250 DATA 2300,"LICENSES",2400,"OFFICE EXPEN",2500,"MISC/PETTY"
260 DATA 2600,"LEASING EXPS",2700,"LEASING IN",2800,"TELEPHONE"
270 DATA 2900,"UTILITIES",3000,"PAYROLL",3100,"TAX-SOC.SEC."
280 DATA 3200,"TAX-ST UNEM.",3300,"INTEREST",3400,"TAX-OTHER"
290 DATA 3500,"CONTRIBUTIONS",4000,"ENTERTAINMNT",4100,"ADVERTISING"
300 DATA 4200,"TRAVEL",4300,"AUTO",4400,"DUES+SUBSCRP"
310 DATA 5000,"NOTES+LOANS",5100,"FED.INC.TAX",5200,"LOAN RECVBL"
320 DATA 6000,"PERSONAL ACS",7000,"FIXED ASSETS"
330 FOR I=1 TO 5:PRINT:NEXT I
340 PRINT:PRINT "          ACBL - LEDGER PROGRAM    "
350 PRINT:PRINT"  UCC - COPYRIGHT 1977 .  SCIENTIFIC RESEARCH ": PRINT
360 INPUT"DEPT. NUMBER ";K1
370 INPUT"FIRM NAME     ";K1$
380 PRINT
390 INPUT"WEEK ENDING   ";WE$
400 FOR I9=1 TO 6:ON I9 GOSUB 470,840,1360,2270,2700,3030:NEXT I9
410 OPEN"O",#1,"BFILE",0
420 PRINT#1,K1;K1$;",";CN$;",";WE$;",";B1;
430 FOR I2=1 TO B1:PRINT#1,A1(I2);:NEXT I2
440 PRINT#1,NP;HT;S0;S1;S2;S3;S4;S5;N4;LT;LC;NA;T8;CC:CLOSE 1
450 PRINT:GOSUB 3210
460 END
470 PRINT:PRINT
480 INPUT"HOW MANY NEW EMPLOYEES";N2
490 IF N2=0 THEN RETURN
500 IF N2>0 THEN 530
510 PRINT"POSITIVE NUMBER, PLEASE"
520 GOTO 480
530 OPEN"I",#1,"PFLE",0
540 OPEN"O",#2,"SCR4",0
550 INPUT#1,EN,H
560 PRINT#2,EN+N2,H
570 IF EN=0 THEN 620
580 FOR I=1 TO EN
590 GOSUB 4050
600 GOSUB 4040
610 NEXT I
620 PRINT"ENTER THE FOLLOWING ITEMS FOR EACH NEW EMPLOYEE"
630 PRINT"  ITEMS SHOULD BE SEPARATED BY COMMAS"
640 FOR I=1 TO N2
650 PRINT"EMPL#,  S.S.#,  EMPL. NAME"
660 INPUT E0$,E1$,E$
670 PRINT"HOURLY WAGE,  DEPENDENT CODE,  DEDUCT.AMT,  MISC DED.AMT"
680 INPUT E0,D,E1,E2
690 PRINT"GROSS YEAR-TO-DATE (YTD),  FICA YTD,  FED TAX YTD,  STATE YTD,
```

```
  MISC,DED YTD"
700 INPUT Y0,Y1,Y2,Y3,Y4
710 Y5=Y0-Y1-Y2-Y3-Y4
720 PRINT"GROSS THIS PERIOD (SINCE LAST P+L STATEMENT), TAXES THIS PERIO
D"
730 INPUT P0,P1
740 PRINT"GROSS THIS QTR,  FICA THIS QTR,  FED.TAX THIS QTR"
750 INPUT Q0,Q1,Q2
760 PRINT
770 D1=1
780 GOSUB 4040
790 NEXT I
800 CLOSE 1,2
810 KILL"PFLE",0
820 NAME"SCR4"AS"PFLE"
830 RETURN
840 PRINT:PRINT
850 INPUT"HOW MANY EMPLOYEES TO DELETE";N2
860 IF N2=0 THEN RETURN
870 IF N2>0 THEN 900
880 PRINT"POSITIVE NUMBER, PLEASE"
890 GOTO 850
900 DIM EN$(N2),E9(N2)
910 OPEN"I",#1,"PFLE",0
920 OPEN"O",#2,"SCR4",0
930 PRINT"SEARCH BY :"
940 PRINT"   (1) EMPLOYEE NUMBER       (2) SOCIAL SECURITY NUMBER"
950 INPUT"ENTER '1' OR '2'";J
960 J=J-1
970 IF J=0 THEN A$="EMPLOYEE" ELSE A$="SOCIAL SECURITY"
980 PRINT"ENTER ";A$;" NOS. TO DELETE, ONE PER LINE"
990 FOR I=1 TO N2
1000 E9(I)=0
1010 INPUT EN$(I)
1020 F1=0
1030 IF I=1 THEN 1090
1040 FOR I1=1 TO I-1
1050 IF EN$(I)<>EN$(I1) THEN 1080
1060 PRINT"THIS NUMBER EQUALS ONE ALREADY ENTERED -- START OVER"
1070 F1=1:I=N2:I1=I
1080 NEXT I1
1090 NEXT I
1100 IF F1=1 THEN 850
1110 INPUT#1,EN,H
1120 PRINT#2,EN,H
1130 FOR I=1 TO EN
1140 GOSUB 4050
1150 FOR I1=1 TO N2
1160 ON J1 GOTO 1170,1190
1170 IF EN$(I1)<>E0$ THEN 1230
1180 GOTO 1200
1190 IF EN$(I1)<>E1$ THEN 1230
1200 PRINT A$;"#";E1$;
1210 IF D1=0 THEN PRINT" ALREADY DELETED" ELSE PRINT" DELETED"
1220 E9(I1)=1:D1=0
1230 NEXT I1
1240 PRINT#2,D1,E0$;",";E1$;",";E$;",";E0,D,E1,E2,Y0,Y1,Y2,Y3,Y4,Y5,P0,P
1,Q0,Q1,Q2;
1250 NEXT I
1260 FOR I=1 TO N2
1270 IF E9(I)=0 THEN PRINT"EMPLOYEE #";EN$(I);" NOT FOUND"
1280 NEXT I
1290 CLOSE 1,2
1300 KILL "PFLE",0
1310 NAME"SCR4" AS "PFLE"
1320 ERASE EN$,E9
```

```
1330 INPUT"ANY MORE DELETIONS";A$
1340 IF MID$(A$,1,1)="Y" THEN 840
1350 RETURN
1360 OPEN"I",#1,"PFLE",0
1370 OPEN"O",#2,"SCR5",0
1380 OPEN"O",#3,"TEMP1",0
1390 PRINT:PRINT
1400 INPUT#1,EN,H
1410 DIM E8$(EN),H1(EN)
1420 FOR I=1 TO EN
1430 GOSUB 4050
1440 E8$(I)=E0$
1450 NEXT I
1460 CLOSE 1
1470 OPEN"I",1,"PFLE",0
1480 INPUT#1,EN,H
1490 PRINT"WAS THIS A";H;"HOUR PAY PERIOD";
1500 INPUT A$
1510 IF MID$(A$,1,1)="Y" THEN 1530
1520 INPUT"HOW MANY HOURS IN THIS PAY PERIOD";H
1530 FOR I=1 TO EN
1540 H1(I)=H
1550 NEXT I
1560 PRINT
1570 PRINT"DID ALL EMPLOYEES WORK ";H;"HOURS";
1580 INPUT A$
1590 IF MID$(A$,1,1)="Y" THEN 1770
1600 PRINT"HOW MANY EMPLOYEES DID NOT WORK ";H;"HOURS";
1610 INPUT N3
1620 PRINT"TYPE EMPLOYEE #, THEN # OF HOURS WORKED"
1630 FOR I=1 TO N3
1640 INPUT E2$,H2
1650 F1=0
1660 FOR I1=1 TO EN
1670 IF E2$<>E8$(I1) THEN 1710
1680 H1(I)=H2
1690 F1=1
1700 I1=EN
1710 NEXT I1
1720 IF F1=1 THEN 1750
1730 PRINT"EMPLOYEE #";E2$;" NOT ON FILE -- TRY AGAIN"
1740 GOTO 1640
1750 NEXT I
1760 HT=0:S0=0:S1=0:S2=0:S3=0:S4=0:S5=0:NP=0
1770 FOR I=1 TO EN
1780 GOSUB 4050
1790 IF D1=1 THEN 1810
1800 GOSUB 4040:GOTO 1310
1810 NP=NP+1
1820 W0=H1(I)*E0   'GROSS WAGES
1830 Z9=14100:Z8=.0585   'FICA LIMITS
1840 W1=W0*Z8
1850 W1=INT(100*W1)/100   'FICA WITHHOLDING
1860 IF W0<Z9 THEN 1880
1870 W1=0
1880 Z6=14.4
1890 Z6=Z6*H1(I)/40
1900 D=D MOD 100
1910 Z6=Z6*D
1920 Z4=.1464   'FED TAX RATE - INSERT FED. TAX SUB IF DESIRED
1930 W2=(W0-Z6)*Z4
1940 W2=INT(100*W2)/100   'FED TAX WITHHOLDING
1950 Z9=.15375:Z8=33.3:Z7=6.75 'STATE TAX CONSTANTS
1960 Z2=(12.5/40)*H1(I)
1970 Z2=Z2*D
1980 Z3=Z8*H1(I)/40
```

```
1990 Z4=W0-Z2-Z7
2000 W3=Z9*Z4   'STATE WITHHOLDING
2010 IF W3<0 THEN W3=0
2020 W3=INT(W3*100)/100
2030 W4=E2*H1(I)/40
2040 W4=INT(100*W4)/100   'MISC WITHHOLDING
2050 W5=W0-W1-W2-W3-W4   'NET PAY
2060 PRINT#3,E0$;",";E1$;",";E$;",";H1(I);W0;W1;W2;W3;W4;W5;
2070 A1(17)=A1(17)+W5
2080 A1(18)=A1(18)+W1
2090 Y0=Y0+W0
2100 Y1=Y1+W1
2110 Y2=Y2+W2
2120 Y3=Y3+W3
2130 Y4=Y4+W4
2140 Y5=Y5+W5
2150 P0=P0+W0
2160 P1=P1+W1+W2+W3
2170 Q0=Q0+W0
2180 Q1=Q1+W1
2190 Q2=Q2+W2
2200 GOSUB 4040
2210 HT=HT+H1(I)
2220 S0=S0+W0:S1=S1+W1:S2=S2+W2:S3=S3+W3:S4=S4+W4:S5=S5+W5
2230 NEXT I
2240 ERASE E8$,H1
2250 CLOSE 1,2,3
2260 RETURN
2270 PRINT:PRINT
2280 INPUT"HOW MANY LEDGER ENTRIES";N4
2290 IF N4=0 THEN RETURN
2300 OPEN"O",#1,"TEMP2",0
2310 OPEN"I",#2,"LEGER",0
2320 OPEN"O",#3,"SCR6",0
2330 INPUT#2,NL,LC
2340 FOR I=1 TO NL:INPUT#2,L1,L1$,L2$,L3$,L2
2350 PRINT#3,L1;L1$;",";L2$;",";L3$;",";L2;
2360 NEXT I
2370 PRINT"ENTER LEDGER ITEMS IN ORDER..."
2380 PRINT" ACCT.NO., CHECK NO., DATE, PAYEE, AMOUNT"
2390 LT=0
2400 FOR I=1 TO N4
2410 INPUT L1,L1$,L2$,L3$,L2
2420 F1=0
2430 RESTORE:FOR I2=1 TO 7:READ A1$:NEXT I2
2440 FOR I1=1 TO 81
2450 READ C9,A1$
2460 IF L1<>C9 THEN 2500
2470 A1(I1)=A1(I1)+L2
2480 F1=I1
2490 I1=32
2500 NEXT I1
2510 IF F1>0 THEN 2540
2520 PRINT"ACCOUNT NO. ";L1;" NOT FOUND...RE-ENTER"
2530 GOTO 2410
2540 PRINT#3,L1;L1$;",";L2$;",";L3$;",";L2;
2550 PRINT#1,L1;L1$;",";L2$;",";L3$;",";A1$;",";L2
2560 LT=LT+L2
2570 NEXT I
2580 LC=LC+LT
2590 CLOSE 1,2,3
2600 OPEN"I",#3,"SCR6",0
2610 OPEN"O",#2,"LEGER",0
2620 PRINT#2,NL+N4;LC;
2630 FOR I=1 TO NL+N4
2640 INPUT#3,L1,L1$,L2$,L3$,L2
```

```
2650 PRINT#2,L1$;L1$$",";L2$$",";L3$$",";L2$
2660 NEXT I
2670 CLOSE 2,3
2680 KILL"SCR6",0
2690 RETURN
2700 PRINT:PRINT
2710 INPUT"HOW MANY CASH ITEMS";NA
2720 IF NA=0 THEN RETURN
2730 OPEN"O",#1,"TEMP3",0
2740 OPEN"I",#2,"CASH1",0
2750 OPEN"O",#3,"SCR7",0
2760 T8=0
2770 INPUT#2,NC,CC
2780 FOR I=1 TO NC:INPUT#2,C1$,C2$,T1
2790 PRINT#3,C1$;",";C2$;",";T1$
2800 NEXT I
2810 PRINT"ENTER ITEMS IN ORDER..."
2820 PRINT" DATE, TO WHOM, AMOUNT"
2830 PRINT
2840 FOR I=1 TO NA
2850 INPUT C1$,C2$,T
2860 PRINT#1,C1$;",";C2$;",";T$
2870 PRINT#3,C1$;",";C2$;",";T$
2880 T8=T8+T
2890 A1(12)=A1(12)+T
2900 NEXT I
2910 CC=CC+T8
2920 CLOSE 1,2,3
2930 OPEN"I",#3,"SCR7",0
2940 OPEN"O",#2,"CASH1",0
2950 PRINT#2,NC+NA;CC$
2960 FOR I=1 TO NC+NA
2970 INPUT#3,C1$,C2$,T
2980 PRINT#2,C1$;",";C2$;",";T$
2990 NEXT I
3000 CLOSE 2,3
3010 KILL"SCR7",0
3020 RETURN
3030 PRINT:PRINT:PRINT"ENTER RECEIPTS FOR EACH DAY"
3040 R1=0
3050 OPEN"I",#6,"RECPT",0
3060 OPEN"O",#5,"SCR7",0
3070 OPEN"O",#4,"RECP1",0
3080 INPUT#6,NR,RT
3090 RESTORE:FOR I=1 TO 7:READ D$:PRINT D$;TAB(10);:INPUT R0
3100 R1=R1+R0
3110 PRINT#4,R0$
3120 NEXT I
3130 RT=RT+R1
3140 PRINT#5,NR+1;RT$
3150 IF NR=0 THEN 3170
3160 FOR I=1 TO NR:INPUT#6,R2:PRINT#5,R2$:NEXT I
3170 CLOSE 4,5,6
3180 KILL"RECPT",0
3190 NAME"SCR7" AS "RECPT"
3200 RETURN
3210 OPEN"I",#1,"BFILE",0
3220 INPUT#1,K1,K1$,CN$,WE$,B1
3230 FOR I2=1 TO B1:INPUT#1,A1(I2):NEXT I2:INPUT#1,NP,HT,S0,S1,S2,S3,S4,
S5,N4,LT,LC,NA,T8,CC:CLOSE 1
3240 PRINT:PRINT:PRINT:INPUT"POSITION PRINTER AT PAGE TOP -- HIT 'RETURN
' WHEN READY";A$
3250 WIDTH 132
3260 OPEN"O",#5,"SCR8",0
3270 OPEN"I",#6,"RECP1",0
3280 OPEN"I",#4,"EMPFL",0
```

```
3290 OPEN"I",#1,"TEMP1",0
3300 OPEN"I",#2,"TEMP2",0
3310 OPEN"I",#3,"TEMP3",0
3320 RESTORE:FOR I=1 TO 7:READ A1$:NEXT I
3330 ET=0:ES=0
3340 INPUT#4,B1:PRINT#5,B1;
3350 OPEN"I",#7,"PFLE",0:INPUT#7,NZ,H:CLOSE7
3360 FOR I=1 TO 34
3370 ON I GOSUB 3410,3430,3440,3450,3460,3470,3490,3500,3510,3540,3550,3
560,3600,3610,3630,3660,3670,3700,3710,3730,3750,3760,3790,3800,3820,383
0,3840,3890,3900,3910,3920,3930,3940,3950
3380 NEXT I
3390 GOSUB 4020
3400 RETURN
3410 PRINT:PRINT:PRINT:PRINT:PRINT TAB(30);"MINI-LEDGER":PRINT
3420 PRINTTAB(41);"UCC - COPYRIGHT 1977    SCIENTIFIC RESEARCH":PRINT:RE
TURN
3430 PRINT"DEPT. NUMBER          :";K1:RETURN
3440 PRINT"FIRM NAME             :";K1$:RETURN
3450 PRINT"FOR WEEK ENDING       :";WE$:PRINT:PRINT:RETURN
3460 PRINT"ALL SALES":PRINT:RETURN
3470 PRINT"    SUNDAY    MONDAY   TUESDAY  WEDNESDAY  THURSDAY    ";
3480 PRINT"FRIDAY  SATURDAY":PRINT:RETURN
3490 FOR I2=1 TO 7:INPUT#6,R0:PRINTUSING" ######.##";R0;:NEXT I2:PRINT:P
RINT:PRINT:RETURN
3500 PRINTUSING"  THIS WEEK  #######.##  LAST WEEK   ########.##   TO DA
TE  ########.##";R1,RT-R1,RT:PRINT:PRINT:RETURN
3510 PRINT"PAYROLL"
3520 IF NP>0 THEN RETURN ELSE GOSUB 3620
3530 RETURN
3540 PRINT TAB(31);"HRS    GROSS   FICA  FEDRL  STATE    MISC      NET":
RETURN
3550 PRINT "EMP#  SOC.SEC#      NAME        WKD    WAGES    AMT   WITH
WITH     DED    WAGES":PRINT:G=NP:RETURN
3560 INPUT#1,E0$,E1$,E$,W6,W0,W1,W2,W3,W4,W5
3570 T1$=MID$(E1$,1,3):T2$=MID$(E1$,4,2):T3$=MID$(E1$,6)
3580 PRINTUSING"\   \ \ \-\\-\   \ \              \ ##  ####.## ###.## ###.
## ###.##   ##.##  ####.##";E0$,T1$,T2$,T3$,E$,W6,W0,W1,W2,W3,W4,W5:G=G-
1:IF G=0 THEN RETURN ELSE GOTO3560
3590 RETURN
3600 PRINT TAB(31);"--------------- ------ ------ ------   -----  -------"
:RETURN
3610 PRINT TAB(23);:PRINTUSING"TOTALS  #### #####.## ###.## ###.## ###.#
#   ##.## #####.##";H,S0,S1,S2,S3,S4,S5:PRINT:PRINT:PRINT:RETURN
3620 PRINT TAB(20);"--- NO PAYROLL THIS WEEK ---":RETURN
3630 PRINT"  A/P   ":PRINT:PRINT
3640 IF N4>0 THEN RETURN ELSE GOSUB 3720
3650 RETURN
3660 PRINT"AC#   CHECK #     DATE        TO WHOM";TAB(56);"EXPLANATION
    AMOUNT":G=N4:PRINT:RETURN
3670 INPUT#2,L1,L1$,L2$,L3$,A1$,L2
3680 PRINTUSING"####   \     \  \      \   \                          \
\           \   ######.##";L1,L1$,L2$,L3$,A1$,L2:G=G-1:IF G=0 THEN RETUR
N ELSE GOTO 3670
3690 RETURN
3700 PRINT TAB(72);"----------":RETURN
3710 PRINTUSING"OPENING BALANCE  ########.##   CLOSING BALANCE  ########
.##   TOTAL   #######.##";LC,LC-LT,LT:PRINT:PRINT:PRINT:RETURN
3720 PRINT TAB(20);"--- NO LEDGER ENTRIES ---":GOSUB 3710:RETURN
3730 PRINT"PETTY CASH":PRINT:PRINT:IF NA=0 THEN GOSUB 3810 ELSE RETURN
3740 RETURN
3750 PRINT"  DATE         TO  WHOM";TAB(42);"AMOUNT":G=NA:PRINT:RETURN
3760 INPUT#3,C1$,C2$,T
3770 PRINTUSING"\      \   \                              #####.##";C1$,C2
$,T:G=G-1:IF G=0 THEN RETURN ELSE GOTO 3760
3780 RETURN
```

```
3790 PRINT TAB(40);"----------":RETURN
3800 PRINTUSING"OPENING BAL  ######.##          TOTAL    #####.##   CLOSI
NG BAL  ######.##";CC-T8,T8,CC:PRINT:PRINT:RETURN
3810 PRINT TAB(20);"--- NO CASH ENTRIES ---":RETURN
3820 FOR IV=1 TO 5:PRINT:NEXT IV:PRINT"  UCC - COPYRIGHT 1977, SCIENTIFI
C RESEARCH ":PRINT:PRINT:PRINT:PRINT"EXPENSES ":PRINT:PRINT:RETURN
3830 PRINT"AC# DESCRIPTION  THIS WEEK  LAST WEEK    TO DATE":PRINT:G2=B1
:RETURN
3840 INPUT#4,EX
3850 ET=ET+EX:ES=ES+A1(B1-G2+1)
3860 READ C9,A1$
3870 PRINTUSING"#### \           \ ######.## #######.## #######.##";C9,A1
$,A1(B1-G2+1),EX,EX+A1(B1-G2+1):PRINT#5,EX+A1(B1-G2+1);:G2=G2-1:IF G2=0
THEN RETURN ELSE GOTO 3840
3880 RETURN
3890 PRINT TAB(18);"---------- ---------- ----------":RETURN
3900 PRINT TAB(9);:PRINTUSING"TOTALS  #######.## #######.## #######.##";
ES,ET,ES+ET:PRINT:PRINT:PRINT:RETURN
3910 PRINT"PROFIT AND LOSS":PRINT:PRINT:RETURN
3920 PRINT TAB(12);"INCOME    EXPENSES  PROFIT/<LOSS>":PRINT:RETURN
3930 PRINT"LAST WK";:T7=RT-R1:T8=ET:T9=RT-R1-ET:GOSUB 3960:RETURN
3940 PRINT"THIS WK";:T7=R1:T8=ES:T9=R1-ES:GOSUB 3960:RETURN
3950 PRINT"TO DATE";:T7=RT:T8=ET+ES:T9=RT-ET-ES:GOSUB 3960:RETURN
3960 PRINT TAB(1);:PRINTUSING"########.## ########.##";T7,T8;
3970 IF SGN(T9)=-1 THEN 3990
3980 PRINTUSING"    ########.##";T9:RETURN
3990 PRINTUSING"  <########.##>";ABS(T9):RETURN
4000 PRINT
4010 RETURN
4020 FOR I2=1 TO 10:PRINT:NEXT I2
4030 RETURN
4040 PRINT#2,D1,E0$;",";E1$;",";E$;",";E0,D,E1,E2,Y0,Y1,Y2,Y3,Y4,Y5,P0,P
1,Q0,Q1,Q2:RETURN
4050 INPUT#1,D1,E0$,E1$,E$,E0,D,E1,E2,Y0,Y1,Y2,Y3,Y4,Y5,P0,P1,Q0,Q1,Q2:R
ETURN
4060 KILL"TEMP1",0
4070 KILL"TEMP2",0
4080 KILL"TEMP3",0
4090 RETURN
4100 END
OK
```

FILE CREATION PROGRAM

This 2K program is used to set up the data files for initial operation of the four previous ACB__ programs. The data in this program should be replaced with your data, prior to being run. You will only need to enter one record per file, as the data base may be built while running the main program. Once your data base has been created DO NOT run this program again as it will destroy all of the existing data files.

The data files for this version of ACBS rev:Ø are not the same as that used in ACBS rev:80 shown at the end of this volume. Files created with the ACBS1 program at the end of this volume will not operate with the four programs previously discussed, see rev:Ø.

```
100 PRINT
110 PRINT"UCC -- COPYRIGHT 1977 -- BY SCIENTIFIC RESEARCH "
120 PRINT:PRINT:PRINT:PRINT
130 FOR I=1 TO 7
140 ON I GOSUB 180,220,260,320,360,480,520
150 NEXT I
160 PRINT " FINISHED "
170 END
180 OPEN"O",#1,"LEGER",0
190 PRINT#1,1,123.45,100,"1",",","8/10/77",",","MITER INC.",",",123.45
200 CLOSE 1
210 RETURN
220 OPEN"O",#1,"CASH1",0
230 PRINT#1,1,25.13,"8/10/77",",","DIANE",",",25.13
240 CLOSE 1
250 RETURN
260 OPEN"O",#1,"EMPFL",0
270 PRINT#1,32
280 PRINT#1,123.45
290 FOR I=1 TO 31:PRINT#1,0,:NEXT I
300 CLOSE 1
310 RETURN
320 OPEN"O",#5,"RECPT",0
330 PRINT #5,1,567.43,567.43
340 CLOSE 5
350 RETURN
360 OPEN"O",#1,"PFLE",0
370 PRINT #1,4,80
380 PRINT#1,1,"6732",",","237621932",",","J. M.  DOYLE",",",6.53,102,17,
5.5,
390 PRINT#1,0,0,0,0,0,0,0,0,0,0
400 PRINT#1,1,"3112",",","698322679",",","G.R. CRAMER",",",3.18,1,12,3.7
5,
410 PRINT#1,0,0,0,0,0,0,0,0,0,0
420 PRINT#1,1,"918",",","183672110",",","PHIL JOHNSON",",",4.38,102,25,8
.25,
430 PRINT#1,0,0,0,0,0,0,0,0,0,0
440 PRINT#1,1,"A671",",","823164312",",","J. SWAIN",",",5.75,103,15,4.25
,
450 PRINT#1,0,0,0,0,0,0,0,0,0,0
460 CLOSE 1
470 RETURN
480 OPEN"O",#6,"BILL",0:PRINT#6,1
490 PRINT#6,123,"RADCO INC.",",","345 FIRST",",","FARMINGTON MASS 10269"
,",",617.92,"6/12/77",",",0
500 CLOSE 6
510 RETURN
520 OPEN"O",#7,"INV",0
530 PRINT#7,1
540 PRINT#7,234,32,781,"FILE",",",4.39,16,32,12,"6/27/77",",",8.78
550 CLOSE 7
560 RETURN
OK
```

MOST USED

BASIC

STATEMENTS

REQUIRED FOR

OPERATION OF PROGRAM

STATEMENTS

STATEMENT	REMARKS
DATA	Used to input data through Read statements
DEF FN	Defines special user functions
DIM	Reserves space for variables before they are used in program
END	Last Step in program
FOR TO STEP	Sets up a program loop. Used with NEXT statement
FRE (X)	Returns number of free Bytes in memory
GOSUB	Transfers control to subroutine
GOTO	Unconditionally transfers control to line specified
IF THEN	Conditional statement to transfer control on certain conditions
INPUT	Used to enter data from external source
LET	Used to assign a value to a variable
LIST	Prints the program currently in memory
NEXT	Placed at end of a FOR Loop
NEW	Clears program memory area
ON X GOSUB	Transfer control to the Xth line numbered subroutine
ON X GOTO	Transfers control to the Xth line
PRINT	Used to print out data to external device

STATEMENT REMARK

CLOSE Used to close open disk files

DEF DBL Defines variables as couble precision

DSKF X Returns free D Bytes on disk X

FILES X Prints list of files on disk drive X

GET #X Retrieves Random file #X

INPUT #X, Used to input data from file #X

KILL Deletes a file on disk

LOAD Loads a disk file into working memory

L PRINT Used to transfer control to line printer each time used

MOUNT X Used to initialize the disk on disk drive X

OPEN #X, Open file #X so it may be used

PUT #X Transfers Data from program to Random disk file #X

SAVE Saves program in memory under name specified on disk

TROFF Used as debugging aid. Turns off TRON

TRON Used to print line numbers as program executes

UNLOAD X Closes all the files on disk drive X

STRING FUNCTIONS

STATEMENT	REMARKS
ASC (X$)	Gives a decimal number for the first character of string X$
CHR$ (X)	Generates a single character having the ASCII value X
LEFT $(X$,I)	Returns the left most I characters of X$
LEN (X$)	Gives length of string X$
MID $(X$,I,J)	Returns J characters of X$ starting at the Ith character from the left
RIGHT $(X$,I)	Returns the right most I characters of the string X$
STR $(X)	Generates a string which represents the decimal value of X
VAL (X$)	Gives the number represented by the string X$

FOREWORD

THE ENTIRE SOURCE CODE FOR THE ACBS REV:80, A COMPLETE BUSINESS SYSTEM PROGRAM IS NOT INCLUDED IN THIS VOLUME. MOST OF THE REPORTS AND OPERATIONS GENERATED BY IT ARE ILLUSTRATED IN THIS VOLUME. THE SUBJECT MATTER THAT IS PRESENTED WILL HELP THOSE THAT ARE PROGRAMMERS TO DEVELOP SIMILAR OPERATING PROGRAMS, AS IT OUTLINES THE STANDARDS THAT ARE REQUIRED AS A MINIMUM FOR SETTING UP A PROGRAM OF THIS MAGNITUDE AND COMPLEXITY. BY SIMPLY FOLLOWING THE EXAMPLES GIVEN IT SHOULD BE POSSIBLE TO MAINTAIN YOUR COMPANY RECORDS WITH ONLY A MINIMUM OF EFFORT AND TRAINING. FOR THOSE THAT USE ACBS REV:80 OR SIMILAR PROGRAMS WE HAVE GENERATED SPECIAL FORMS THAT ARE APPLICABLE TO DATA BASE ENTRY AND COMPUTER OPERATED PRINTERS. COPIES OF THESE FORMS ARE SHOWN NEAR THE END OF THIS VOLUME AND MAY BE REPRODUCED OR ORDERED WITH YOUR COMPANY HEADINGS THROUGH OUR SALES OFFICE.

FOR THOSE OF YOU THAT WISH TO MODIFY OR MAKE SUBSTITUTIONS FROM THE MATERIAL PRESENTED IN THIS SECTION, THE FOLLOWING SETS FORTH AN EXAMPLE OF THE CHANGES THAT CAN EASILY BE MADE. THE TAX ALGORITHM SHOWN ON PAGE 1077 CAN BE SUBSTITUTED FOR THE LESS COMPREHENSIVE TAX ROUTINE IN THE PAYROLL PROGRAM SHOWN IN VOLUME III AND ALSO IN THE PAYROLL SECTION OF ACBL, AT THE FRONT OF THIS VOLUME. WHEN MAKING THIS SUBSTITUTION BE SURE THAT YOU ADD 100 TO THE NUMBER OF DEPENDENTS FOR MARRIED PERSONS AND MAKE THE APPROPRIATE VARIABLE AND LINE CHANGES SO THE TWO ROUTINES WILL MERGE, IE; IN VOL. III'S PAYROLL PROGRAM - DELETE LINES 1540 TO 1600 AND ENTER LINES 7400 TO 9500, BE SURE TO RENUMBER THEM WITH THE LINE NUMBERS DELETED. THEN ADD LINE 1536-D=D(I): G0=Z7: N2=H AND LINE 1603-P2=F2. DON'T FORGET TO UPDATE THE NEW FICA INFORMATION IN LINES 1485 AND 1490 AS A RESULT OF THESE CHANGES. WITH A BIT OF EFFORT, ONE, WITH SOME KNOWLEDGE OF PROGRAMMING CAN STUDY THE REPORTS GENERATED HERE AND MAKE THE APPROPRIATE CHANGES TO THE MINI-LEDGER PROGRAMS, SHOWN IN THE FRONT SECTION OF THIS VOLUME AND ACHIEVE A PROGRAM TAILORED EXACTLY TO HIS NEEDS AND ONE THAT WILL RUN IN HIS SYSTEM. YOUR FIRST OBJECTIVE WOULD BE TO WRITE A LINKING PROGRAM (IF YOUR SYSTEM CAN HANDLE OVERLAYS) TO ALLOW AUTOMATIC UPDATING OF THE VARIOUS DATA FILES AND FULL LEDGER OPERATION. IF THIS IS DONE YOU MAY NOT WANT TO USE THE FILE CREATION PROGRAM ILLUSTRATED ON PAGE 972 AS THE MORE COMPREHENSIVE DATA GENERATOR SHOWN BEGINNING ON PAGE 1078 WOULD BE MORE APPROPRIATE, ITS USE IS ILLUSTRATED STARTING ON PAGE 1059. REMEMBER YOU WILL HAVE TO ADD AND CHANGE THE DATA FILE VARIABLES IN THE MINI-LEDGER PROGRAMS TO CONFORM TO THE ELEMENTS OF YOUR NEW DATA BASE.

ACBS REV:80 IS ONLY BEING SOLD THROUGH DEALERS, AS IT REQUIRES A VERY SOPHISCATED COMPUTER SYSTEM FOR OPERATION AND WE DO NOT OFFER THIS SOFTWARE ON MACHINE READABLE MEDIA.

ACBS REV: 80

USERS

MANUAL

A COMPLETE BUSINESS SYSTEM (rev:80)

A Complete Business System rev:80, is a computer program designed to keep all the business records for a company. It allows the user to update all company data on a daily, or weekly, or monthly basis and includes a special search feature for locating specialized entries. While it is expressly designed fro use by businessmen it can very easily be utilized by accountants to maintain company records and generate financial reports for their clients The program is really quite versatile, allowing records to be maintained in a variety of formats, dependent of course on how the data files are created and how the transactions are handled. Under the accrual method all transactions would be entered as they occurred, whereas under the cash method transactions would only be entered when cash was received or paid out; both methods use a double entry system. As most businesses use a hybrid system, their entries under this program would be made in much the same manner as they are presently being handled. While it would be best to update the program daily or as each transaction is made, it may be updated periodically with no loss in continuity.

Before the program can be used the business must be completely described in the data files. This is done by first running the creation program ACBS1, which is self prompting and fully instructional. Prior to entering your data base it is recommended that you study the examples given for creating a data base. The examples have been designed to show the user the types of data to be entered and the amount of detail required. As a data base usually takes a considerable amount of time to generate, the creation program allows for a respite every so often, if desired by the operator. To avoid serious errors the data files should be listed after they have been entered or a listing should be made during the time of entry. This listing should be checked for accuracy as these files describe the business in detail and an error in one of the year-to-date entries could drastically effect the results of some of the reports. Once it has been determined that all the data has been entered properly, then the main program; ACBS rev:80, may be run anytime. It is suggested that ACBS rev:80 be updated at least once a week and preferrably daily, so as to reduce the possibility of errors associated with typing in many updates. Pay attention to the order in which data is asked for in the ACBS1 section as related data is entered in the same order in the main program; ACBS rev:80 and this program does not fully redefine the input sequences for entering data. It was necessary to delete this information from the main program in order to reduce the amount of memory required to execute the program. While it would have been nice for the newcomer and an aid for any operator, the extra memory overhead of 12,000 Bytes could hardly be justified in most small systems. As an alternative, it is suggested that you keep a copy of the various input sequences required for each input, near the system for the operator to refer to during data updates.

At the time of this writing there are only a few Basics available that allow sufficient precision for business use. Most of the Basics will only

allow six to eight digits of precision which is unfortunate, for eight digits will not allow grand totals to reach $1,000,000.00. For a very small business this might suffice but even they would have problems with only six digit accuracy. Six digit precision would limit the user to figures of less then $10,000.00, which is hardly practical when you consider most individuals earn at least that or more annually. In addition to the precision limitation, very few Basics offer formatted print statements. Those that do, mostly use the "Print Using" statement, how ever a few use the "Digits" statement. Those of you that only have the Digits command will have to convert all of the Print Using statements to a form accepted by your Basic. This particular conversion will not be presented here as most of these Basics are not sufficiently powerful to execute data files in reasonable time frames or to allow adequate precision for calculations. A suggested method for converting a "Print Using" statement follows:

```
Ex:  Print Using - - - - -, X, Y,....
Remove the Print Using line and substitute the following
routine, each time it is used throughout the programs.
A = X
Gosub _ _ _ _
X$ = A$
Print X$,
A = Y
Gosub _ _ _ _
Y$ = A$
Print Y$,

Then: this is the subroutine the above Gosub's branch too.
_ _ _ 1  A = INT (100* A=.5)/10
_ _ _ 2  B = A INT (A)
_ _ _ 3  if B J 0 then _ _ _ 8
_ _ _ 4  B = A/10 INT (A/10)
_ _ _ 5  if B J 0 then _ _ 10
_ _ _ 6  A$ = STR$ (A/10) + ".00"
_ _ _ 7  Return
_ _ _ 8  A = A/10
_ _ _ 9  Return
_ _  10  A$ = STR$ (A/10) + "0"

If the above subroutine will not operate in your Basic use
this subroutine:

_ _ _ 1  A = INT (100 * A + .5)/100
_ _ _ 2  A$ = STR$ (A)
_ _ _ 3  F or I = 1 to 12
_ _ _ 4  B$ = MID $ (A$, I, 1)
```

```
___ 5  if B$ = "." then 7
___ 6  Next I
___ 7  A$ = MID $ (A$, 1, I + 2)
___ 8  Return
```

The first subroutine is preferred over the second one as in the second sub it may be necessary to check for zeros after the decimal point in some Basics.

The ACBS rev:80 programs are written using data files. These data files should be on a disk system rather then a tape, digital cassette, audio cassette or other tape medium due to their slow access and search speeds. The disk should have a minimum storage of 250K Bytes as the source code for the main program requires about 80K Bytes of overhead storage, however as the program uses overlay and paging techniques it can be run in most systems with 28K of free memory.

The data files in these programs are accessed with the Input #__, and Print #__, statements. They are opened for use with the Open "O", __, "File Name" and Open "I", __, "File Name" as these data files are ASCII sequential. If your Basic uses statements other then these disk statements for data file control, then the above should be changed to match those statements used by your Basic. The above statements are used frequently throughout these programs so you need to be sure that all of them have been changed to statements your Basic understands. As an example of these differences Processor Technology's Basic uses the Write #__ as opposed to our Print #__ statement and they use the Read #__ as opposed to our Input #__ statement.

The data files have been structured to contain the company records in an easily accessable form, utilizing a minimum number of data files to handle all of the records. A listing of the data sequence as contained within each file follows.

FILE STRUCTURES
(In order of file Input sequence)

File #1 - MISC.

11 (program run.#), Total Cash Sales to date of last P & L statement, Cash sales this period (since last P & L date), Cash on Hand, Company equity, Sales Tax %, Name, Address, City State, Zip, Type of Business, N (# of additional assets accounts), !Asset $ value, asset description1, (1-12) !Total $ year to last P & L for each, Total $ period to date for each expense, Expense # (1-12),1, total earnings to last P & L.

File #2 - A/P

N# (number of accounts), Account Description (less then 18 characters), Payee # (or Vendor#), day of the month payment due (1-31), Present Balance Owed, Type of Account (1-Mortgages, 2-Loans, 3-Taxes, 4-Other A/P), $ payment due, $ payment made to each account.

File #3 - A/R

N# (number of customers), Customer #, Customer Name, Street address, City, State, Zip, Total $ sales yr. to date, Total sales since last P & L, # of outstanding transactions, !Item #, Quantity purchased, Unit Selling price, month (1-12) of purchase, day of purchase, Payments made in $'s, Description1

File #4 - EINV

N# (number of items on inventory), Item #, Description, Cost, Salvage Value, Life (in years), year put in service (ie:1977), month put in service (1-12), Type of Depreciation (1-S.L, 2-DDB, 3-SYD, %-Dec. Bal.), total $ Deprec. to last P & L (for each item).

File #5 - MINV

N# (number of items in saleable inventory), Item #, Class #, Vendor#, Item Description, Unit Cost, Unit selling price, total # purchased to date, total # sold to date, month of last sale (1-12), day of last sale for each item # (1-31), # purchased to last P & L, total # purchased this period.

File #6 - PAY

# of employees, # of hours in each pay period, State Unemployment %, employee #, social security #, Active Emp., Name, St. Add, City, State, Zip code, Rate of pay $, # Dependents, $ Deductions (Ins. etc.), Misc deductions $, total $ Gross pay (year to date), total $ FICA witheld year to date, total $ Federal Tax witheld year to date, total $ State Tax held year to date, total $ Gross pay this period to date (or since the last P & L), total $ Taxes paid for employee this period (ie: U.I, State taxes, FICA, etc.), Wages this quarter, FICA this quarter, Fed. taxes this quarter.

The file structure listing should be used as a reference and referred to by the user until becoming familiar with the sequence and type of data used in the files. When updating the program data or entering transactions the user should carefully follow the examples set out elsewhere in this volume to reduce the chance of erroneous entries.

The A/R (Accounts Receivable) section allows the printing of all accounts that are older then 30 days. If account aging is desired it will have to be done through a dummy account set up in the A/P (Accounts Payable) file. For example: An A/P account #30, aging 30 days can be set up, likewise one for 45, 60 and/or 90 days may also be set up. Enter the amount of aging desired as a purchase or bill but Don't enter any payment. To zero an account enter a negative purchase equal to the amount still owing.

The saleable or merchandise inventory contains quantity on hand and unit cost. The unit cost of each item may be changed each time it's quantity is increased or the inventory is updated. Each time an inventory item is purchased the inventory must be updated. In addition to updating the inventory section the accounts payable section will also have to be updated. If the transaction involves cash being paid out at the same time the inventory item is purchased then update or create; A/P account #010. The updating consists of entering the amount of the purchase and also entering this same amount as a payment. This allows the #010 account to zero itself and also subtracts the payment from the Cash on Hand account, contained in the Miscellaneous file.

All entries in Inventory, A/P and A/R will have to be entered twice, as the program is based on a double entry system and these three sections are interactive. Every time a bill comes in it can be added to its respective account, unless it is one of the twelve itemized expense items. These items are updated in the expense section when the bill is paid. All other bills are added to the A/P section when they are received. If it is necessary to add to your Cash on Hand as a seperate item then update the A/P account #010 and enter a negative amount equal to the amount of cash to be added as a purchase and then enter this same negative amount as a payment, this zeros the #010 account and adds the amount to Cash on Hand.

The A/R (Accounts Receivable) section will update cash on hand but not the inventory section. Therefore for each transaction it will be necessary to first update the A/R section and then update the inventory section by subtracting the quantities for each item sold. To add cash sales to cash on hand, enter a transaction to the A/R #010 account as a receivable and then enter it again as a payment with both amounts being equal. This allows the cash sales account to zero itself while at the same time updating cash on hand and generating a cash sales log for future records. If this log becomes too long it may be reduced by an appropriate entry at the end of the A/R updating section. Whenever a customer makes a payment on his account it is automatically added to cash on hand as soon as it is entered as a payment.

On the following pages are sample listings containing a number of errors that were purposely made when the data was entered. These errors were corrected by using the delete character function in the Basic operating language. On the terminal we used to enter the data the corrections were made by using the RUB key, on other terminals it may be labeled DEL and still others may label it with some other coding. Some of the Basics available today for small computer systems may not have this feature incorporated in its commands. The sample listings demonstrate how the various portions of the ACBS rev:80 program work. These listings are presented in precise detail and if the examples are followed the unintiated user should be able to generate any of the numerous reports available under this program.

All of the reports shown near the end of this manual were run using the data base created by the ACBS1 program. Data was originally entered on data entry sheets designed to aid the user in switching from a manual or semi automated system to a completely computerized system at any point in the year and then entered into the ACBS1 program to generate a data base from which the reports are then printed. Reproductions of the actual data entry sheets used in creating the data base are displayed near the end of this manual along with blank copies of the forms. In the sample listing all user entries are heavily underlined in contrast to the program prompts which are not. It is especially important to always run and terminate the program in the normal manner, as requested by the menus, otherwise the program or your data base may be damaged or destroyed.

Yearly changes or updates to the tax algorithms in the payroll section are accomplished by typing in the number of the line or lines; one at a time, followed with the amended line data. Federal taxes are for the year 1977 and state taxes have been set to that used by the state of Maryland for 1977. After the changes have been made, save them by typing SAVE "PAY PROG. This will delete the old disk copy and replace it with the amended program. Do not try to run this except in the normal manner by typing RUN"ACBS otherwise the ACBS programs may be damaged or destroyed.

Before printing checks W-2's, mailing labels or other imprinted or special form paper, it must be inserted in your printer and aligned for printing. The program will stop when it is ready for the new forms and waits for you to change the paper. When the forms are in place and you have aligned them properly, then enter the starting number or a carriage return, depending on the form in question to start it printing. You should check the first form while it is being printed to make sure it is lined up properly. If the form isn't printing properly then pause the computer and readjust the form, the first form may have to be redone manually after the printing has ended if it was initially printed in the wrong areas due to misalignment. If you use your own special forms or

special printer, then the tab or skip statements in the various programs may have to be changed to accomodate spacings different from those initially set in the programs. The spacing in the programs are presently set for the forms displayed near the end of this volume.

The sample reports for the ACBS rev:80 program should be used as a guide only, as they were not all run sequentially as shown. The program was actually run a number of times to generate all of the examples given and these were then grouped together to illustrate individual section operations. Each time we ran the program the data base was undated per the simulated daily business transactions, however, as we tried to present the data using one date the totals shown on some of the examples may not be what one would expect. This should not be construed to mean the program is not running or calculating properly, as it actually is; it simply shows what happens when you try and fool the program. As a prime example of what we are talking about, on the check register, all the A/P checks appear to have been run three times on September 7, 1977. We had chosen an arbitrary date of September 7, 1977 so as to make all the examples appear as continuous daily activity for one day although actually run on several days; however, the program didn't know we were only trying to demonstrate its capabilities and recorded the daily transactions as if they were legitimate entries each time we ran the program and as you can see in the check register listing, the program has given our method of demonstrating away.

ACBS REV: 80

THE

FIRST

TIME

The examples given in this section will enable the reader to become familiar with running reports, updating information and normal program termination. Subsequent sections will illustrate individual program sections in more detail.

```
RUN"ACBS

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THIS IS A GENERAL LEDGER BUSINESS PROGRAM
IF PROPERLY UPDATED, IT WILL MAINTAIN ALL OF YOUR COMPANY RECORDS
AND PREPARE ALL OF YOUR FINANCIAL REPORTS.

TYPE IN TODAYS DATE AS: DEC.,18,1976 ? SEP.,7,1977
HOW MANY DISC DRIVES DO YOU HAVE ON YOUR SYSTEM? 1

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THE FOLLOWING IS A LIST OF THE ACCOUNTS THAT CAN BE CALLED.  TO SELECT
ONE, TYPE ITS NUMBER WHEN ASKED WHICH ACCOUNT.

                1 - ACCOUNTS PAYABLE
                2 - ACCOUNTS RECEIVABLE
                3 - FINANCIAL STATEMENT
                4 - MERCHANDISE INVENTORY
                5 - NON-SALEABLE INVENTORY
                6 - PAYROLL
                7 - CHECK REGISTER
                8 - END

WHICH ACCOUNT DO YOU WANT? 1



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THE A/P SECTION OFFERS FOUR MODES OF OPERATION:
                1 - A/P LEDGER
                2 - PRINT A/P CHECKS
                3 - UPDATE THE A/P'S
                4 - UPDATE EXPENSES
                5 - FINISHED WITH A/P'S
WHICH DO YOU WISH TO DO? 1
```

A/P LEDGER DATE: SEP. 7, 1977

ACC. DESC.	PAYEE #	AMT. DUE	ACC. TYPE	DUE DATE	BALANCE
SUBURBAN TRUST	165	295.72	MORTGAGE	25	23618.71
LAFAYETTE ELEC.	190	87.63	OTHER	18	2383.12
ALLIED ELECTRONICS	185	347.25	OTHER	5	11871.16
FORD CREDIT	110	187.50	LOAN	2	3119.81
CHEMICAL BANK	115	67.21	LOAN	30	912.67
CASH EXPENDITURE	10	117.25	OTHER	0	117.25
AGING - 30 DAYS	30	0.00	OTHER	0	5.00
AGING - 45 DAYS	45	0.00	OTHER	0	0.00
AGING - 60 DAYS	60	0.00	OTHER	0	0.00
AGING - 90 DAYS	90	0.00	OTHER	0	0.00
AGING - OVER 90	99	0.00	OTHER	0	7.50

TOTAL MONTHLY PAYMENTS DUE $1,102.56
TOTAL TIME BALANCES LEFT OWING $42,035.22

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:
1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S
WHICH DO YOU WISH TO DO? 5

```
THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS  TEN  MODES OF OPERATION:
                1 - A/R LEDGER
                2 - AUTO ENTRY INVOICING
                3 - DAILY INVOICE LOG
                4 - PRINT MAILING LABELS
                5 - PAST DUE ACCOUNTS LIST
                6 - PRINT CUSTOMERS BILLS
                7 - SALES REPORT
                8 - SORT ACCOUNTS
                9 - UPDATE CUSTOMER ACCOUNTS
               10 - FINISHED WITH A/R SECTION
WHICH  WOULD YOU LIKE TO DO? 4

THIS SECTION PRINTS - 2 5/8 IN. MAILING LABELS, SORTED OR UNSORTED ON A
STANDARD GUMMED ROLL.  IF THE LABELS ARE SORTED BY ZIP CODE SEQUENCE WHEN MAILED,
THERE IS A POSTAL RATE BREAK.
DO YOU WANT TO SORT THE LABELS  (Y OR N)? Y
THE SEQUENCES ARE:
                1 - CUSTOMER #
                2 - CUSTOMER NAME
                3 - CITY
                4 - STATE
                5 - ZIP CODE
                6 - # OF TRANSACTIONS
                7 - EXIT WITHOUT SORTING.
WHICH SEQUENCE? 3
DO YOU WANT TO PRINT ALL THE LABELS, OR BETWEEN TWO LIMITS  (A OR B)? A
WHEN LABELS ARE IN PLACE, TYPE A (CR)?
```

37116DH
WESTHAM SALES CO.
327 N. CHERRY ST.
MELROSE, IL. 37215

78192AC
DIGITRAN
3421 LAWRENCE ST.
PASADENA, CA. 91105

93216DA
SUPERIOR ELECTRIC
BOX 30
READER, PA. 16804

51376H
OMEGA
P.O. BOX 4045
STANFORD, N.J. 91268

DO YOU WISH TO PRINT ANOTHER SET OF LABELS (Y OR N)? Y
DO YOU WANT TO PRINT ALL THE LABELS, OR BETWEEN TWO LIMITS (A OR B)? B
DO YOU WISH TO BLOCK BY:
1 - CUSTOMER NUMBER
2 - CUSTOMER NAME
3 - CITY
4 - STATE
5 - ZIP CODE
6 - NUMBER OF TRANSACTIONS
WHICH? 5
IF YOU WISH TO LIST UP TO THE UPPER LIMIT THEN INPUT A (CR), OTHERWISE INPUT THE LOWER LIMIT.

IF YOU WISH TO LIST ONLY ONE SPECIFIC GROUP, ENTER THE UPPER LIMIT,
EQUAL TO THE LOWER LIMIT.

LOWER LIMIT? 30000
UPPER LIMIT? 50000
WHEN LABELS ARE IN PLACE, TYPE A (CR)?

45686
REMINGTON CAN CO.
2314 SHERWOOD AVE.
LAKESIDE, TX. 45217

37116DH
WESTHAM SALES CO.
327 N. CHERRY ST.
MELROSE, IL. 37215

DO YOU WISH TO PRINT ANOTHER SET OF LABELS (Y OR N)? N

1 - A/R LEDGER
2 - PRINT MAILING LABLES
3 - PAST DUE ACCOUNTS LIST
4 - PRINT CUSTOMERS BILLS
5 - SALES REPORT
6 - SORT ACCOUNTS
7 - UPDATE CUSTOMER ACCOUNTS
8 - FINISNED WITH A/R SECTION

WHICH WOULD YOU LIKE TO DO? 6

```
THIS SUBSECTION ALLOWS YOU TO SORT YOUR A/R RECORDS IN A VARIETY OF
SEQUENCES AND THEN PRINT A REPORT.

THE SEQUENCES ARE:
              1 - CUSTOMER #
              2 - CUSTOMER NAME
              3 - CITY
              4 - STATE
              5 - ZIP CODE
              6 - # OF TRANSACTIONS
              7 - EXIT WITHOUT SORTING.
WHICH SEQUENCE? 2
```

CUSTOMER NO.	CUSTOMER NAME	STREET ADDRESS	CITY	STATE	ZIP CODE	# TRANSACTIONS
10	CASH SALE ACCOUNT	0	0	0	0	9
78192AC	DIGITRAN	3421 LAWRENCE ST.	PASADENA	CA.	91105	3
51376H	OMEGA	P.O. BOX 4045	STANFORD	N.J.	91268	0
45686	REMINGTON CAN CO.	2314 SHERWOOD AVE.	LAKESIDE	TX.	45217	2
93216DA	SUPERIOR ELECTRIC	BOX 30	READER	PA.	16804	4
37116DH	WESTHAM SALES CO.	327 N. CHERRY ST.	MELROSE	IL.	37215	4

```
THIS SUBSECTION ALLOWS YOU TO SORT YOUR A/R RECORDS IN A VARIETY OF
SEQUENCES AND THEN PRINT A REPORT.

THE SEQUENCES ARE:
                1 - CUSTOMER #
                2 - CUSTOMER NAME
                3 - CITY
                4 - STATE
                5 - ZIP CODE
                6 - # OF TRANSACTIONS
                7 - EXIT WITHOUT SORTING.
WHICH SEQUENCE? 7

THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:
                1 - A/R LEDGER
                2 - PRINT MAILING LABLES
                3 - PAST DUE ACCOUNTS LIST
                4 - PRINT CUSTOMERS BILLS
                5 - SALES REPORT
                6 - SORT ACCOUNTS
                7 - UPDATE CUSTOMER ACCOUNTS
                8 - FINISNED WITH A/R SECTION
WHICH WOULD YOU LIKE TO DO? 7


FOR EACH ACCOUNT CHANGE, ENTER A NUMBER DEFINING THE CHANGE.
                0 - END
                1 - OLD CUSTOMER UPDATE
                2 - ADD NEW CUSTOMER
WHICH ONE? 2

ENTER NEW CU. #, NAME, ST., CITY, ST., ZIP, # OF TRANSACTIONS.
? AAZ2316,WILSON SUPPLY,315 WESTWOOD,RICHMOND,VA.,22086,1
INPUT - ITEM #, QUANTITY, UNIT PRICE, MONTH, DAY, PAYMENT, DESC.
? 876512,2,6.36,6,25,10,WIRE MESH

FOR EACH ACCOUNT CHANGE, ENTER A NUMBER DEFINING THE CHANGE.
                0 - END
                1 - OLD CUSTOMER UPDATE
                2 - ADD NEW CUSTOMER
WHICH ONE? 0

IF YOU HAVE EXCESSIVE TRANSACTIONS FOR ANY OF YOUR
CUSTOMERS YOU WOULD LIKE TO REMOVE, TYPE A '1' OTHERWISE
TYPE A '0'? 0

THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:
                1 - A/R LEDGER
                2 - PRINT MAILING LABLES
                3 - PAST DUE ACCOUNTS LTST
                4 - PRINT CUSTOMERS BILLS
                5 - SALES REPORT
                6 - SORT ACCOUNTS
                7 - UPDATE CUSTOMER ACCOUNTS
                8 - FINISNED WITH A/R SECTION
WHICH WOULD YOU LIKE TO DO? 7
```

```
THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:
            1 - A/R LEDGER
            2 - PRINT MAILING LABLES
            3 - PAST DUE ACCOUNTS LIST
            4 - PRINT CUSTOMERS BILLS
            5 - SALES REPORT
            6 - SORT ACCOUNTS
            7 - UPDATE CUSTOMER ACCOUNTS
            8 - FINISNED WITH A/R SECTION
WHICH WOULD YOU LIKE TO DO? 7

FOR EACH ACCOUNT CHANGE, ENTER A NUMBER DEFINING THE CHANGE.
            0 - END
            1 - OLD CUSTOMER UPDATE
            2 - ADD NEW CUSTOMER
WHICH ONE? 1

OLD CUST. #, # OF NEW TRANSACTIONS? 93216DA,2
812763      8        11.76 2      3      0      GLOBE
A915332     7         2.64 3      18     0      FILE
234561      9         4.36 3      29     150    PLASTIC ROD
A221679     1        10.34 6      11     0      SAW
PRESENT BALANCE     $12.14

ITEM #,QUANTITY, UNIT PRICE, MONTH, DAY,PAYMENT, DESC.
? 0,0,0,6,28,10,PAYMENT
ITEM #,QUANTITY, UNIT PRICE, MONTH, DAY,PAYMENT, DESC.
? 136928,2,14.26,6/2 //,29,0,WRENCH

FOR EACH ACCOUNT CHANGE, ENTER A NUMBER DEFINING THE CHANGE.
            0 - END
            1 - OLD CUSTOMER UPDATE
            2 - ADD NEW CUSTOMER
WHICH ONE? 2

ENTER NEW CU. #, NAME, ST., CITY, ST., ZIP, # OF TRANSACTIONS.
? WALTON @
AA23716,WALTON SUPPLY,315 WESTWOOD,RIS CHMOND,VA.,22086,1
INPUT - ITEM #, QUANTITY, UNIT PRICE, MONTH, DAY, PAYMENT, DESC.
? 234561,2,4.36,6,25,0,PLASTIC ROD

FOR EACH ACCOUNT CHANGE, ENTER A NUMBER DEFINING THE CHANGE.
            0 - END
            1 - OLD CUSTOMER UPDATE
            2 - ADD NEW CUSTOMER
WHICH ONE? 0

IF YOU HAVE EXCESSIVE TRANSACTIONS FOR ANY OF YOUR
CUSTOMERS YOU WOULD LIKE TO REMOVE, TYPE A '1' OTHERWISE
TYPE A '0'? 1
HOW MANY CUSTOMERS DO YOU WANT TO ADJUST? 1
CUSTOMER #, # OF TRANSACTIONS TO REMOVE? 10,5
```

errors: 2 RUB removes the 2+/

This deletes error line

ACCOUNTS RECEIVABLE LEDGER DATE SEP. 8, 1977

NAME / ITEM #	ACC. # / QUANT.	CITY & STATE / DATE	DESC.	SALE	$ SALES YR. TO DATE / PAYMENT
WALTON SUPPLY	AA23716	RICHMOND, VA.			$0.00
234561	2	6 / 25	PLASTIC ROD	$8.72	$0.00
WESTHAM SALES CO.	37116DH	MELROSE, IL.			$1,712.70
C556178	25	3 / 18	PULLEY	$1,109.50	$500.00
876512	50	4 / 12	WIRE MESH	$318.00	$0.00
136928	20	5 / 19	WRENCH	$285.20	$250.00
A221679	14	6 / 7	SAW	$144.76	$0.00
REMINGTON CAN CO.	45686	LAKESIDE, TX.			$28.52
136928	2	3 / 17	WRENCH	$28.52	$0.00
234561	1	6 / 12	PLASTIC ROD	$4.36	$30.00
OMEGA	51376H	STANFORD, N.J.			$1,118.76
DIGITRAN	78192AC	PASADENA, CA.			$408.32
723756	6	1 / 18	GAUZE	$234.72	$180.00
745336	6	3 / 12	FUSE BK.	$151.80	$0.00
234561	5	5 / 23	PLASTIC ROD	$21.80	$150.00
SUPERIOR ELECTRIC	93216DA	READER, PA.			$151.80
812763	8	2 / 3	GLORE	$94.08	$0.00
A915332	7	3 / 18	FILE	$18.48	$0.00
234561	9	3 / 29	PLASTIC ROD	$39.24	$150.00
A221679	1	6 / 11	SAW	$10.34	$0.00
0	0	6 / 28	PAYMENT	$0.00	$10.00
136928	2	6 / 29	WRENCH	$28.52	$0.00
CASH SALE ACCOUNT	10	0, 0			$0.00
0	1	6 / 22	0	$1,135.00	$1,135.00
0	1	6 / 25	0	$1,118.00	$1,118.00
0	1	6 / 28	0	$1,002.00	$1,002.00
0	1	6 / 30	0	$667.31	$667.31

TOTAL A/R (LESS SALES TAX)= $1,228.04

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:

1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S

WHICH DO YOU WISH TO DO? 1

A/P LEDGER DATE: SEP. 7, 1977

ACC. DESC.	PAYEE #	AMT. DUE	ACC. TYPE	DUE DATE	BALANCE
SUBURBAN TRUST	165	295.72	MORTGAGE	25	22731.55
LAFAYETTE ELEC.	190	87.63	OTHER	18	2120.23
ALLIED ELECTRONICS	185	347.25	OTHER	5	10829.41
FORD CREDIT	110	187.50	LOAN	2	2557.31
CHEMICAL BANK	115	67.21	LOAN	30	711.04
AGING - 30 DAYS	30	0.00	OTHER	0	5.00
AGING - 45 DAYS	45	0.00	OTHER	0	0.00
AGING - 60 DAYS	60	0.00	OTHER	0	17.81
AGING - 90 DAYS	90	0.00	OTHER	0	0.00
AGING - OVER 90	99	0.00	OTHER	0	7.50

TOTAL MONTHLY PAYMENTS DUE $985.31
TOTAL TIME BALANCES LEFT OWING $38,979.85

```
TYPE IN WHICH OPERATION YOU WISH:
                1 - REMOVE OLD PAYEE FROM A/P
                2 - ADD NEW PAYEE
                3 - ADD TO CURRENT DEBT
                4 - UPDATE PAYMENTS
                5 - ONE TIME PAYMENT CHANGE
                6 - END
WHICH OPERATION? 2

HOW MANY NEW ACCOUNTS DO YOU HAVE? 2
ENTER THE SIX ACCOUNT VARIABLES FOR EACH NEW PAYEE? NEWARK ELEC.,A692,13,297.16,4,37.50
ENTER THE SIX ACCOUNT VARIABLES FOR EACH NEW PAYEE? ALLIED,185,117.4,4,\,4,4.711\11,117.,4,410
DUPLICATE PAYEE LIST
185
TYPE IN WHICH OPERATION YOU WISH:
                1 - REMOVE OLD PAYEE FROM A/P
                2 - ADD NEW PAYEE
                3 - ADD TO CURRENT DEBT
                4 - UPDATE PAYMENTS
                5 - ONE TIME PAYMENT CHANGE
                6 - END
WHICH OPERATION? 3

HOW MANY DEBT INCREASES DO YOU HAVE? 1
ENTER THE PAYEE #, DEBT INCREASE AND MONTHLY PAYMENT? 185,117.40,410.00

INCORRECT PAYEE # LIST:
TYPE IN WHICH OPERATION YOU WISH:
                1 - REMOVE OLD PAYEE FROM A/P
                2 - ADD NEW PAYEE
                3 - ADD TO CURRENT DEBT
                4 - UPDATE PAYMENTS
                5 - ONE TIME PAYMENT CHANGE
                6 - END
WHICH OPERATION? 4

HOW MANY PAYMENTS ARE YOU ENTERING? 2
INPUT YOUR PAYEE # AND PAYMENT? 190,50.25
INPUT YOUR PAYEE # AND PAYMENT? 115,75.12

INCORRECT PAYEE LIST:

TYPE IN WHICH OPERATION YOU WISH:
                1 - REMOVE OLD PAYEE FROM A/P
                2 - ADD NEW PAYEE
                3 - ADD TO CURRENT DEBT
                4 - UPDATE PAYMENTS
                5 - ONE TIME PAYMENT CHANGE
                6 - END
WHICH OPERATION? 5

HOW MANY ONE TIME PAYMENT CHANGES ARE YOU ENTERING? 1
INPUT YOUR PAYEE # AND PAYMENT CHANGE? 165,595.00

INCORRECT PAYEE LIST:
```

previous 8 characters Deleted from Edit mode (control A 8D)

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:

1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S

WHICH DO YOU WISH TO DO? 1

1000

A/P LEDGER DATE: SEP. 7, 1977

ACC. DESC.	PAYEE #	AMT. DUE	ACC. TYPE	DUE DATE	BALANCE
SUBURBAN TRUST	165	295.72	MORTGAGE	25	22731.55
LAFAYETTE ELEC.	190	87.63	OTHER	18	2069.98
ALLIED ELECTRONICS	185	410.00	OTHER	5	10946.81
FORD CREDIT	110	187.50	LOAN	2	2557.31
CHEMICAL BANK	115	67.21	LOAN	30	635.92
AGING - 30 DAYS	30	0.00	OTHER	0	5.00
AGING - 45 DAYS	45	0.00	OTHER	0	0.00
AGING - 60 DAYS	60	0.00	OTHER	0	17.81
AGING - 90 DAYS	90	0.00	OTHER	0	0.00
AGING - OVER 90	99	0.00	OTHER	0	7.50
NEWARK ELEC.	A692	37.50	OTHER	13	297.16

TOTAL MONTHLY PAYMENTS DUE $1,085.56
TOTAL TIME BALANCES LEFT OWING $39,269.04

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:

1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S

WHICH DO YOU WISH TO DO? 2

WHEN CHECKS ARE IN PLACE, TYPE IN THE STARTING CHECK NUMBER ? 500

REMITTANCE FROM

Scientific Research Instruments Co., Inc.

1712 Farmington Court, Crofton, Md. 21114

No. 500

VENDOR NO.	INVOICE NO.	INVOICE DATE		DEDUCTION	Code	NET
165			$ 22136.55	$	1	$ 595.00

DATE REMITTED: SEP, 7 1977 AMOUNT REMITTED → $595.00

DETACH BEFORE DEPOSITING

Scientific Research Instruments Co., Inc.

1712 Farmington Court, Crofton, Md. 21114

65-327
550

VENDOR #	MO.	DAY	YR.
165	SEP.	7	1977

No. 500

TO THE ORDER OF: SUBURBAN TRUST EXACTLY $595.00

maryland national bank
Bethesda, Maryland

AUTHORIZED SIGNATURES

1001

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:

1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S

WHICH DO YOU WISH TO DO? 1

A/P LEDGER DATE: SEP. 7, 1977

ACC. DESC.	PAYEE #	AMT. DUE	ACC. TYPE	DUE DATE	BALANCE
SUBURBAN TRUST	165	295.72	MORTGAGE	25	22136.55
LAFAYETTE ELEC.	190	87.63	OTHER	18	1982.35
ALLIED ELECTRONICS	185	410.00	OTHER	5	10536.81
FORD CREDIT	110	187.50	LOAN	2	2369.81
CHEMICAL BANK	115	67.21	LOAN	30	568.71
AGING - 30 DAYS	30	0.00	OTHER	0	5.00
AGING - 45 DAYS	45	0.00	OTHER	0	0.00
AGING - 60 DAYS	60	0.00	OTHER	0	17.81
AGING - 90 DAYS	90	0.00	OTHER	0	0.00
AGING - OVER 90	99	0.00	OTHER	0	7.50
NEWARK ELEC.	A692	37.50	OTHER	13	259.66

TOTAL MONTHLY PAYMENTS DUE $1,085.56
TOTAL TIME BALANCES LEFT OWING $37,884.20

```
THE A/P SECTION OFFERS FOUR MODES OF OPERATION:
                1 - A/P LEDGER
                2 - PRINT A/P CHECKS
                3 - UPDATE THE A/P'S
                4 - UPDATE EXPENSES
                5 - FINISHED WITH A/P'S
WHICH DO YOU WISH TO DO? 5

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THE FOLLOWING IS A LIST OF THE ACCOUNTS THAT CAN BE CALLED.  TO SELECT
ONE, TYPE ITS NUMBER WHEN ASKED WHICH ACCOUNT.

                1 - ACCOUNTS PAYABLE
                2 - ACCOUNTS RECEIVABLE
                3 - FINANCIAL STATEMENT
                4 - MERCHANDISE INVENTORY
                5 - NON-SALEABLE INVENTORY
                6 - PAYROLL
                7 - CHECK REGISTER
                8 - END

WHICH ACCOUNT DO YOU WANT? 8
HAVE A NICE DAY
*
```

A C C O U N T S

R E C E I V A B L E

Most of the features of the A/R section are given here. It should be noted that only monthly invoices were run and then only on computer paper. The program will also generate monthly statements. Both of these can be on your own imprinted forms or the program will generate its own forms as shown. The auto invoicing or point of sale invoices are generated on an individual basis, much the same way as a cash register tape or manual invoice.

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RUN"ACBS

** UCC - COPYRIGHT 1977 - BY SCIENTIFIC RESEARCH**


THIS IS A GENERAL LEDGER BUSINESS PROGRAM
IF PROPERLY UPDATED, IT WILL MAINTAIN ALL OF YOUR COMPANY RECORDS
AND PREPARE ALL OF YOUR FINANCIAL REPORTS.

TYPE IN TODAYS DATE AS: DEC.,18,1976 ? JUL.,12,1977
HOW MANY DISC DRIVES DO YOU HAVE ON YOUR SYSTEM? 1

** UCC-COPYRIGHT 1977- BY SCIENTIFIC RESEARCH**


THE FOLLOWING IS A LIST OF THE ACCOUNTS THAT CAN BE CALLED.  TO SELECT
ONE, TYPE ITS NUMBER WHEN ASKED WHICH ACCOUNT.

                1 - ACCOUNTS PAYABLE
                2 - ACCOUNTS RECEIVABLE
                3 - FINANCIAL STATEMENT
                4 - MERCHANDISE INVENTORY
                5 - NON-SALEABLE INVENTORY
                6 - PAYROLL
                7 - CHECK REGISTER
                8 - END

WHICH ACCOUNT DO YOU WANT? 2



** UCC-COPYRIGHT 1977- BY SCIENTIFIC RESEARCH**


THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS  TEN  MODES OF OPERATION:
                1 - A/R LEDGER
                2 - AUTO ENTRY INVOICING
                3 - DAILY INVOICE LOG
                4 - PRINT MAILING LABELS
                5 - PAST DUE ACCOUNTS LIST
                6 - PRINT CUSTOMER BILLS
                7 - SALES REPORT
                8 - SORT ACCOUNTS
                9 - UPDATE CUSTOMER ACCOUNTS
               10 - FINISHED WITH A/R SECTION
WHICH WOULD YOU LIKE TO DO? 1
```

ACCOUNTS RECEIVABLE LEDGER DATE JUL. 23, 1977

NAME / ITEM #	ACC. # / QUANT.	CITY & STATE / DATE	$ SALES YR. TO DATE / DESC. / SALE	PAYMENT
WESTHAM SALES CO.	37116DH	MELROSE, IL.		$1,857.46
C556178	25	3 / 18	PULLEY	$1,109.50	$500.00
876512	50	4 / 12	WIRE MESH	$318.00	$0.00
136928	20	5 / 19	WRENCH	$285.20	$250.00
A221679	14	6 / 7	SAW	$144.76	$0.00
REMINGTON CAN CO.	45686	LAKESIDE, TX.		$32.88
136928	2	3 / 17	WRENCH	$28.52	$0.00
234561	1	6 / 12	PLASTIC ROD	$4.36	$30.00
OMEGA	51376H	STANFORD, N.J.		$1,118.76
DIGITRAN	78192AC	PASADENA, CA.		$408.32
723756	6	1 / 18	GAUZE	$234.72	$180.00
745336	6	3 / 12	FUSE BK.	$151.80	$0.00
234561	5	5 / 23	PLASTIC ROD	$21.80	$150.00
SUPERIOR ELECTRIC	93216DA	READER, PA.		$162.14
812763	8	2 / 3	GLOBE	$94.08	$0.00
A915332	7	3 / 18	FILE	$18.48	$0.00
234561	9	3 / 29	PLASTIC ROD	$39.24	$150.00
A221679	1	6 / 11	SAW	$10.34	$0.00
CASH SALE ACCOUNT	10	0, 0		$0.00
0	1	6 / 3	0	$1,060.00	$1,060.00
0	1	6 / 7	0	$1,008.00	$1,008.00
0	1	6 / 11	0	$1,125.00	$1,125.00
0	1	6 / 15	0	$1,090.00	$1,090.00
0	1	6 / 18	0	$1,360.00	$1,360.00
0	1	6 / 22	0	$1,135.00	$1,135.00
0	1	6 / 25	0	$1,118.00	$1,118.00
0	1	6 / 28	0	$1,002.00	$1,002.00
0	1	6 / 30	0	$667.31	$667.31

TOTAL A/R (LESS SALES TAX)= $1,200.80
TOTAL A/R & SALES TAX= $1,802.11

THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:

1 - A/R LEDGER
2 - PRINT MAILING LABLES
3 - PAST DUE ACCOUNTS LIST
4 - PRINT CUSTOMERS BILLS
5 - SALES REPORT
6 - SORT ACCOUNTS
7 - UPDATE CUSTOMER ACCOUNTS
8 - FINISNED WITH A/R SECTION

WHICH WOULD YOU LIKE TO DO? 3

PAST DUE ACCOUNTS DATE JUL. 12, 1977

NAME	ACCOUNT	30 DAY	60 DAY	OVER 60 DAY
WESTHAM SALES CO.	37116DH	$1,107.46		
DIGITRAN	78192AC	$78.32		
SUPERIOR ELECTRIC	93216DA			$12.14
TOTAL ACCOUNTS PAST DUE =		$1,185.78	$0.00	$12.14

TOTAL OUTSTANDING ACCOUNTS= $1,197.92

```
THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:
                1 - A/R LEDGER
                2 - PRINT MAILING LABLES
                3 - PAST DUE ACCOUNTS LIST
                4 - PRINT CUSTOMERS BILLS
                5 - SALES REPORT
                6 - SORT ACCOUNTS
                7 - UPDATE CUSTOMER ACCOUNTS
                8 - FINISNED WITH A/R SECTION
WHICH WOULD YOU LIKE TO DO? 5

THIS REPORT LIST THE SALES THAT WERE MADE ON A SPECIFIED DATE.
ENTER THE SALES DATE THAT YOU WANT PRINTED  (AS: DEC.,9,1975)
ENTER 0,0,0 FOR THE DATE TO STOP.? MAR.,12,1977


A/R SALES REPORT FOR MAR. 12 , 1977
                                        TODAYS DATE JUL. 23, 1977

ACC #          ITEM #          QUANTITY        SALES $         CUST. NAME

78192AC        745336                 6        $151.80                  DIGITRAN

TOTAL RECEIPTS THIS DATE:          $151.80 LESS SALES TAX.

THIS REPORT LIST THE SALES THAT WERE MADE ON A SPECIFIED DATE.
ENTER THE SALES DATE THAT YOU WANT PRINTED  (AS: DEC.,9,1975)
ENTER 0,0,0 FOR THE DATE TO STOP.? 0,0,0

THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:
                1 - A/R LEDGER
                2 - PRINT MAILING LABLES
                3 - PAST DUE ACCOUNTS LIST
                4 - PRINT CUSTOMERS BILLS
                5 - SALES REPORT
                6 - SORT ACCOUNTS
                7 - UPDATE CUSTOMER ACCOUNTS
                8 - FINISNED WITH A/R SECTION
WHICH WOULD YOU LIKE TO DO? 5

THIS REPORT LIST THE SALES THAT WERE MADE ON A SPECIFIED DATE.
ENTER THE SALES DATE THAT YOU WANT PRINTED  (AS: DEC.,9,1975)
ENTER 0,0,0 FOR THE DATE TO STOP.? JUN.,11,1977
```

A/R SALES REPORT FOR JUN. 11 , 1977

TODAYS DATE JUL. 23, 1977

ACC #	ITEM #	QUANTITY	SALES $	CUST. NAME
93216DA	A221679	1	$10.34	SUPERIOR ELECTRIC
10	0	1	$1,125.00	CASH SALE ACCOUNT

TOTAL RECEIPTS THIS DATE: $1,135.34 LESS SALES TAX.

THIS REPORT LIST THE SALES THAT WERE MADE ON A SPECIFIED DATE.
ENTER THE SALES DATE THAT YOU WANT PRINTED (AS: DEC.,9,1975)
ENTER 0,0,0 FOR THE DATE TO STOP.? 0,0,0

THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:

1 - A/R LEDGER
2 - PRINT MAILING LABLES
3 - PAST DUE ACCOUNTS LIST
4 - PRINT CUSTOMERS BILLS
5 - SALES REPORT
6 - SORT ACCOUNTS
7 - UPDATE CUSTOMER ACCOUNTS
8 - FINISNED WITH A/R SECTION

WHICH WOULD YOU LIKE TO DO? 4

TYPE A '1' IF YOU DO NOT HAVE FORM PRINTED BILLS OR TYPE
A '2' IF YOU DO AND THEY ARE IN PLACE READY FOR PRINTING.? 1
IF YOU WANT TO PRINT STATEMENTS TYPE A '0' OR
TYPE THE STARTING NUMBER FOR INVOICES? 7142

INVOICE

DATE JUL. 23, 1977

7142

37116DH

WESTHAM SALES CO.
327 N. CHERRY ST.
MELROSE, IL. 37215

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810

QUANTITY	DATE SHIPPED	DESCRIPTION	UNIT COST	AMOUNT (LESS SALES TAX)
25	3 / 18	PULLEY	$44.38	$1,109.50
50	4 / 12	WIRE MESH	$6.36	$318.00
20	5 / 19	WRENCH	$14.26	$285.20
14	6 / 7	SAW	$10.34	$144.76

TOTAL NET SALES $1,107.46

PAY THIS AMOUNT (INCLUDES SALES TAX) $1,200.33

1010

INVOICE DATE JUL. 23, 1977

7143

45686

REMINGTON CAN CO.
2314 SHERWOOD AVE.
LAKESIDE, TX. 45217

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810

QUANTITY	DATE SHIPPED	DESCRIPTION	UNIT COST	AMOUNT (LESS SALES TAX)
2	3 / 17	WRENCH	$14.26	$28.52
1	6 / 12	PLASTIC ROD	$4.36	$4.36

TOTAL NET SALES $2.88

PAY THIS AMOUNT (INCLUDES SALES TAX) $4.52

1011

INVOICE

DATE JUL. 23, 1977

7144

78192AC

DIGITRAN
3421 LAWRENCE ST.
PASADENA,CA. 91105

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810

QUANTITY	DATE SHIPPED	DESCRIPTION	UNIT COST	AMOUNT (LESS SALES TAX)
6	1 / 18	GAUZE	$39.12	$234.72
6	3 / 12	FUSE BK.	$25.30	$151.80
5	5 / 23	PLASTIC ROD	$4.36	$21.80

TOTAL NET SALES $78.32

PAY THIS AMOUNT (INCLUDES SALES TAX) $98.74

1012

INVOICE

DATE JUL. 23, 1977
7145

93216DA

SUPERIOR ELECTRIC
BOX 30
READER, PA. 16804

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810

QUANTITY	DATE SHIPPED	DESCRIPTION	UNIT COST	AMOUNT (LESS SALES TAX)
8	2 / 3	GLOBE	$11.76	$94.08
7	3 / 18	FILE	$2.64	$18.48
9	3 / 29	PLASTIC ROD	$4.36	$39.24
1	6 / 11	SAW	$10.34	$10.34

TOTAL NET SALES $12.14

PAY THIS AMOUNT (INCLUDES SALES TAX) $20.25

```
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THIS IS THE ACCOUNTS RECEIVABLE SECTION.
IT WILL HANDLE ALL TRANSACTIONS INVOLVING SALES.

IT OFFERS EIGHT MODES OF OPERATION:
                1 - A/R LEDGER
                2 - PRINT MAILING LABLES
                3 - PAST DUE ACCOUNTS LIST
                4 - PRINT CUSTOMERS BILLS
                5 - SALES REPORT
                6 - SORT ACCOUNTS
                7 - UPDATE CUSTOMER ACCOUNTS
                8 - FINISNED WITH A/R SECTION
WHICH WOULD YOU LIKE TO DO? 7


FOR EACH ACCOUNT CHANGE, ENTER A NUMBER DEFINING THE CHANGE.
                0 - END
                1 - OLD CUSTOMER UPDATE
                2 - ADD NEW CUSTOMER
WHICH ONE? 1

OLD CUST. #, # OF NEW TRANSACTIONS? 93216DA,1
812763          8                   11.76 2         3               0               GLOBE
A915332         7                    2.64 3         18              0               FILE
234561          9                    4.36 3         29              150             PLASTIC ROD
A221679         1                   10.34 6         11              0               SAW
PRESENT BALANCE         $12.14

ITEM #,QUANTITY, UNIT PRICE, MONTH, DAY,PAYMENT, DESC.
? 0,0,0,6,28,20.2,PAYMENT

FOR EACH ACCOUNT CHANGE, ENTER A NUMBER DEFINING THE CHANGE.
                0 - END
                1 - OLD CUSTOMER UPDATE
                2 - ADD NEW CUSTOMER
WHICH ONE? 0

IF YOU HAVE EXCESSIVE TRANSACTIONS FOR ANY OF YOUR
CUSTOMERS YOU WOULD LIKE TO REMOVE, TYPE A '1' OTHERWISE
TYPE A '0' ?
```

A C C O U N T S

P A Y A B L E

Two A/P ledgers are shown in this section, one before checks are written and the second one after they are written. The second ledger shows the effects on the accounts after monthly check writing. Cash on hand is reduced by the amount of the checks written as well as by the amount in the cash expenditure account, #10. With the exception of account #10, account #'s less than 100 do not affect cash on hand or generate checks. The various account balances are all reduced by the amount the check is written for. Lastly the expenses are updated. Any checks for these expenses must be done manually and should be entered in the check register file.

A/P LEDGER DATE: SEP. 7, 1977

ACC. DESC.	PAYEE #	AMT. DUE	ACC. TYPE	DUE DATE	BALANCE
SUBURBAN TRUST	165	295.72	MORTGAGE	25	23027.27
LAFAYETTE ELEC.	190	87.63	OTHER	18	2207.86
ALLIED ELECTRONICS	185	347.25	OTHER	5	11176.66
FORD CREDIT	110	187.50	LOAN	2	2744.81
CHEMICAL BANK	115	67.21	LOAN	30	778.25
CASH EXPENDITURE	10	117.25	OTHER	0	117.25
AGING - 30 DAYS	30	0.00	OTHER	0	5.00
AGING - 45 DAYS	45	0.00	OTHER	0	0.00
AGING - 60 DAYS	60	0.00	OTHER	0	17.81
AGING - 90 DAYS	90	0.00	OTHER	0	0.00
AGING - OVER 90	99	0.00	OTHER	0	7.50

TOTAL MONTHLY PAYMENTS DUE $1,102.56
TOTAL TIME BALANCES LEFT OWING $40,082.41

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:
1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S
WHICH DO YOU WISH TO DO? 2

WHEN CHECKS ARE IN PLACE, TYPE IN THE STARTING CHECK NUMBER ? 300

REMITTANCE FROM

Scientific Research Instruments Co., Inc.
1712 Farmington Court, Crofton, Md. 21114

No. 300

VENDOR NO.	INVOICE NO.	INVOICE DATE		DEDUCTION	Code	NET
165			$ 22731.55	$	1	$ 295.72

DATE REMITTED: SEP., 7 1977

AMOUNT REMITTED → $295.72

DETACH BEFORE DEPOSITING

Scientific Research Instruments Co., Inc.
1712 Farmington Court, Crofton, Md. 21114

65-327
550

VENDOR #	MO.	DAY	YR.
165	SEP.	7	1977

No. 300

TO THE ORDER OF: SUBURBAN TRUST EXACTLY $295.72

maryland national bank
Bethesda, Maryland

AUTHORIZED SIGNATURES

REMITTANCE FROM

Scientific Research Instruments Co., Inc.
1712 Farmington Court, Crofton, Md. 21114

No. 302

VENDOR NO.	INVOICE NO.	INVOICE DATE		DEDUCTION	Code	NET
185			$ 10829.41	$	4	$ 347.25

DATE REMITTED: SEP., 7 1977

AMOUNT REMITTED → $347.25

DETACH BEFORE DEPOSITING

Scientific Research Instruments Co., Inc.

65-327
550

1712 Farmington Court, Crofton, Md. 21114

VENDOR #	MO.	DAY	YR.
185	SEP.	7	1977

No. 302

TO THE ORDER OF: ALLIED ELECTRONICS EXACTLY $347.25

maryland national bank
Bethesda, Maryland

AUTHORIZED SIGNATURES

REMITTANCE FROM

Scientific Research Instruments Co., Inc.
1712 Farmington Court, Crofton, Md. 21114

No. 304

VENDOR NO.	INVOICE NO.	INVOICE DATE		DEDUCTION	Code	NET
115			$ 711.04	$	2	$ 67.21

DATE REMITTED: SEP., 7 1977 AMOUNT REMITTED → $67.21

DETACH BEFORE DEPOSITING

Scientific Research Instruments Co., Inc.
1712 Farmington Court, Crofton, Md. 21114

65-327
550

VENDOR #	MO.	DAY	YR.
115	SEP.	7	1977

No. 304

TO THE ORDER OF: CHEMICAL BANK EXACTLY $67.21

maryland national bank
Bethesda, Maryland

AUTHORIZED SIGNATURES

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:

1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S

WHICH DO YOU WISH TO DO? 1

A/P LEDGER DATE: SEP. 7, 1977

ACC. DESC.	PAYEE #	AMT. DUE	ACC. TYPE	DUE DATE	BALANCE
SUBURBAN TRUST	165	295.72	MORTGAGE	25	22731.55
LAFAYETTE ELEC.	190	87.63	OTHER	18	2120.23
ALLIED ELECTRONICS	185	347.25	OTHER	5	10829.41
FORD CREDIT	110	187.50	LOAN	2	2557.31
CHEMICAL BANK	115	67.21	LOAN	30	711.04
CASH EXPENDITURE	10	0.00	OTHER	0	0.00
AGING - 30 DAYS	30	0.00	OTHER	0	5.00
AGING - 45 DAYS	45	0.00	OTHER	0	0.00
AGING - 60 DAYS	60	0.00	OTHER	0	17.81
AGING - 90 DAYS	90	0.00	OTHER	0	0.00
AGING - OVER 90	99	0.00	OTHER	0	7.50

TOTAL MONTHLY PAYMENTS DUE $985.31
TOTAL TIME BALANCES LEFT OWING $38,979.85

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THE A/P SECTION OFFERS FOUR MODES OF OPERATION:
1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S
WHICH DO YOU WISH TO DO? 4

THIS IS THE EXPENSE UPDATING SECTION. ENTER AN AMOUNT FOR EACH OF THE TWELVE EXPENSES. IF NO EXPENSE HAS BEEN MADE FOR AN ITEM ENTER A '0'.

FOR TAXES =? 0
FOR SELLING EXP.? 0
FOR ADVERTISING EXP. = ? 0
FOR RENT = ? 0
FOR UTILITIES = ? 0
FOR RETURNS OR ALLOWANCES = ? 0
FOR REPAIRS = ? 0
FOR BAD DEBTS = ? 0
FOR INTEREST = ? 0
FOR OFFICE EXP. = ? 179.12
FOR INSURANCE = ? 23.95
FOR MISC. EXP. = ? 1.23

THIS COMPLETES THE EXPENSE UPDATING.

THE A/P SECTION OFFERS FOUR MODES OF OPERATION:
1 - A/P LEDGER
2 - PRINT A/P CHECKS
3 - UPDATE THE A/P'S
4 - UPDATE EXPENSES
5 - FINISHED WITH A/P'S
WHICH DO YOU WISH TO DO? 5

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THE FOLLOWING IS A LIST OF THE ACCOUNTS THAT CAN BE CALLED. TO SELECT ONE, TYPE ITS NUMBER WHEN ASKED WHICH ACCOUNT.

1 - ACCOUNTS PAYABLE
2 - ACCOUNTS RECEIVABLE
3 - FINANCIAL STATEMENT
4 - MERCHANDISE INVENTORY
5 - NON-SALEABLE INVENTORY
6 - PAYROLL
7 - CHECK REGISTER
8 - END

MERCHANDISE

INVENTORY

This section illustrates use and maintenance of the saleable inventory. This routine allows you to perform minimum quantity searches on an automatic or individual basis. The inventory ledger is shown twice. The second ledger reflects the results of inventory updating. This includes adding a new item and changing vendors, pricing and quantities on hand.

THIS IS THE SALEABLE INVENTORY SECTION. IT HAS FIVE MODES OF OPERATION. THEY ARE:

1 - SALEABLE INVENTORY LEDGER
2 - LIST CLASS #
3 - MINIMUM QUANTITY SEARCH
4 - UPDATE INVENTORY
5 - END

WHICH DO YOU WANT TO DO? 1

SALEABLE INVENTORY LEDGER - FOR JUL. 23, 1977

ITEM NO.	CLASS NO.	DESCRIPTION	LST. SALE MO/DAY	# ON HAND	UNIT COST	MIN. QUAN.
136928	13	WRENCH	6 / 16	93	$7.13	15
A221679	9	SAW	4 / 22	4	$5.17	10
234561	0	PLASTIC ROD	6 / 7	81	$2.18	190
C556178	20	PULLEY	6 / 13	5	$22.19	5
723756	73	GAUZE	5 / 21	25	$19.56	25
745336	13	FUSE BK.	3 / 19	20	$12.65	25
812763	2	GLOBE	6 / 30	26	$5.88	15
876512	1	WIRE MESH	6 / 6	106	$3.18	490
A915332	2	FILE	5 / 5	12	$1.32	10
973328	0	COVER	6 / 19	95	$0.73	30

THIS IS THE SALEABLE INVENTORY SECTION. IT HAS FIVE MODES OF OPERATION. THEY ARE:

1 - SALEABLE INVENTORY LEDGER
2 - LIST CLASS #
3 - MINIMUM QUANTITY SEARCH
4 - UPDATE INVENTORY
5 - END

WHICH DO YOU WANT TO DO? 3

WHAT IS THE MINIMUM QUATITIES YOU WOULD LIKE TO CHECK FOR (-1 = AUTOMATIC SEARCH)? -1

MINIMUM SEARCH REPORT - FOR JUL. 23, 1977

ITEM #	CLASS	DESCRIPTION	ON-HAND	VENDOR	UNIT COST	MIN. QUAN.
A221679	9	SAW	4	1673	$5.17	10
234561	0	PLASTIC ROD	81	96	$2.18	190
C556178	20	PULLEY	5	873	$22.19	5
723756	73	GAUZE	25	27	$19.56	25
745336	13	FUSE BK.	20	27	$12.65	25
876512	1	WIRE MESH	106	873	$3.18	490

WOULD YOU LIKE TO CHECK FOR ANOTHER MINIMUM QUANTITY (Y OR N)? Y

WHAT IS THE MINIMUM QUATITIES YOU WOULD LIKE TO CHECK FOR (-1 = AUTOMATIC SEARCH)? 25

MINIMUM SEARCH REPORT - FOR JUL. 23, 1977

ITEM #	CLASS	DESCRIPTION	ON-HAND	VENDOR	UNIT COST	MIN. QUAN.
A221679	9	SAW	4	1673	$5.17	10
C556178	20	PULLEY	5	873	$22.19	5
723756	73	GAUZE	25	27	$19.56	25
745336	13	FUSE BK.	20	27	$12.65	25
A915332	2	FILE	12	1673	$1.32	10

WOULD YOU LIKE TO CHECK FOR ANOTHER MINIMUM QUANTITY (Y OR N)? N

THIS IS THE SALEABLE INVENTORY SECTION. IT HAS FIVE MODES OF OPERATION. THEY ARE:

1 - SALEABLE INVENTORY LEDGER
2 - LIST CLASS #
3 - MINIMUM QUANTITY SEARCH
4 - UPDATE INVENTORY
5 - END

WHICH DO YOU WANT TO DO? 2

LIST BY CLASS REPORT - FOR JUL. 23, 1977

CLASS #? 2

ITEM #	DESCRIPTION	ON-HAND	VENDOR	UNIT COST
812763	GLOBE	26	1673	$5.88
876512	WIRE MESH	106	873	$3.18
A915332	FILE	12	1673	$1.32

DO YOU WANT TO CHECK ANOTHER CLASS (Y OR N)? Y

LIST BY CLASS REPORT - FOR JUL. 23, 1977

CLASS #? 13

ITEM #	DESCRIPTION	ON-HAND	VENDOR	UNIT COST
136928	WRENCH	93	1673	$7.13
745336	FUSE BK.	20	27	$12.65

DO YOU WANT TO CHECK ANOTHER CLASS (Y OR N)? Y

LIST BY CLASS REPORT - FOR JUL. 23, 1977

CLASS #? 3455

ITEM #	DESCRIPTION	ON-HAND	VENDOR	UNIT COST

INVALID CLASS #

DO YOU WANT TO CHECK ANOTHER CLASS (Y OR N)? N

THIS IS THE SALEABLE INVENTORY SECTION. IT HAS FIVE MODES OF OPERATION. THEY ARE:

1 - SALEABLE INVENTORY LEDGER
2 - LIST CLASS #
3 - MINIMUM QUANTITY SEARCH
4 - UPDATE INVENTORY
5 - END

WHICH DO YOU WANT TO DO? 4

```
THIS SECTION ALLOWS THREE OPERATIONS.
                1 - ADD NEW ITEM TO INVENTORY
                2 - INCREASE QUANTITY ON HAND
                3 - END
WHICH DO YOU WANT TO DO? 1

HOW MANY ITEMS ARE YOU GOING TO UPDATE? 3
FOR EACH ITEM ENTER:
ITEM #
MIN-QUAN , CLASS
QUANTITY PURCHASED
UNIT COST  (INCLUDE TAXES)
VENDOR #  (IF ON OPEN ACCOUNT)
PAYMENT (IF ANY PAID BY CASH)
IF PAID BY CASH, ENTER '0' FOR THE VENDOR NUMBER.

ENTER NEW DATA? 136928,15.0013,100,7.28,1673,0
ENTER NEW DATA? A915332,10.0002,75,1.32,1673,0
ENTER NEW DATA? BB45687,100.4598,77,45.95,88457,15
NEW ITEM: ENTER - DESCRIPTION, SELLING PRICE FOR # BB45687
? PUMP,129.95

THIS SECTION ALLOWS THREE OPERATIONS.
                1 - ADD NEW ITEM TO INVENTORY
                2 - INCREASE QUANTITY ON HAND
                3 - END
WHICH DO YOU WANT TO DO? 2

HOW MANY ITEMS ARE YOU GOING TO UPDATE? 1
FOR EACH ITEM ENTER:
ITEM #
MIN-QUAN , CLASS
QUANTITY PURCHASED
UNIT COST  (INCLUDE TAXES)
VENDOR #  (IF ON OPEN ACCOUNT)
PAYMENT (IF ANY PAID BY CASH)
IF PAID BY CASH, ENTER '0' FOR THE VENDOR NUMBER.

ENTER NEW DATA? 723756,29.0138,30,19.56,27,0

THIS SECTION ALLOWS THREE OPERATIONS.
                1 - ADD NEW ITEM TO INVENTORY
                2 - INCREASE QUANTITY ON HAND
                3 - END
WHICH DO YOU WANT TO DO? 3
```

```
        1 - SALEABLE INVENTORY LEDGER
        2 - LIST CLASS #
        3 - MINIMUM QUANTITY SEARCH
        4 - UPDATE INVENTORY
        5 - END
WHICH DO YOU WANT TO DO? 1


                SALEABLE INVENTORY LEDGER - FOR JUL. 23, 1977

ITEM NO.    CLASS NO.   DESCRIPTION   LST. SALE MO/DAY   # ON HAND   UNIT COST   MIN. QUAN.

136928      13          WRENCH        6 / 16             193         $7.28       15
A221679     9           SAW           4 / 22             4           $5.17       10
234561      0           PLASTIC ROD   6 / 7              81          $2.18       190
C556178     20          PULLEY        6 / 13             5           $22.19      5
723756      138         GAUZE         5 / 21             55          $19.56      29
745336      13          FUSE BK.      3 / 19             20          $12.65      25
812763      2           GLOBE         6 / 30             26          $5.88       15
876512      1           WIRE MESH     6 / 6              106         $3.18       490
A915332     2           FILE          5 / 5              87          $1.32       10
973328      0           COVER         6 / 19             95          $0.73       30
BR45687     4598        PUMP          7 / 23             77          $45.95      100


THIS IS THE SALEABLE INVENTORY SECTION.  IT HAS FIVE MODES OF
OPERATION.  THEY ARE:

        1 - SALEABLE INVENTORY LEDGER
        2 - LIST CLASS #
        3 - MINIMUM QUANTITY SEARCH
        4 - UPDATE INVENTORY
        5 - END
WHICH DO YOU WANT TO DO? 3


WHAT IS THE MINIMUM QUATITIES YOU WOULD LIKE TO CHECK FOR  ( -1 = AUTOMATIC SEARCH)? -1
```

MINIMUM SEARCH REPORT - FOR JUL. 23, 1977

ITEM #	CLASS	DESCRIPTION	ON-HAND	VENDOR	UNIT COST	MIN. QUAN.
A221679	9	SAW	4	1673	$5.17	10
234561	0	PLASTIC ROD	81	96	$2.18	190
C556178	20	PULLEY	5	873	$22.19	5
745336	13	FUSE BK.	20	27	$12.65	25
876512	1	WIRE MESH	106	873	$3.18	490
BB45687	4598	PUMP	77	88457	$45.95	100

WOULD YOU LIKE TO CHECK FOR ANOTHER MINIMUM QUANTITY (Y OR N)? Y

WHAT IS THE MINIMUM QUATITIES YOU WOULD LIKE TO CHECK FOR (-1 = AUTOMATIC SEARCH)? 25

MINIMUM SEARCH REPORT - FOR JUL. 23, 1977

ITEM #	CLASS	DESCRIPTION	ON-HAND	VENDOR	UNIT COST	MIN. QUAN.
A221679	9	SAW	4	1673	$5.17	10
C556178	20	PULLEY	5	873	$22.19	5
745336	13	FUSE BK.	20	27	$12.65	25

WOULD YOU LIKE TO CHECK FOR ANOTHER MINIMUM QUANTITY (Y OR N)? N

THIS IS THE SALEABLE INVENTORY SECTION. IT HAS FIVE MODES OF OPERATION. THEY ARE:

1 - SALEABLE INVENTORY LEDGER
2 - LIST CLASS #
3 - MINIMUM QUANTITY SEARCH
4 - UPDATE INVENTORY
5 - END

WHICH DO YOU WANT TO DO? 2

LIST BY CLASS REPORT - FOR JUL. 23, 1977

CLASS #? 2

ITEM #	DESCRIPTION	ON-HAND	VENDOR	UNIT COST
812763	GLOBE	26	1673	$5.88
876512	WIRE MESH	106	873	$3.18
A915332	FILE	87	1673	$1.32

DO YOU WANT TO CHECK ANOTHER CLASS (Y OR N)? Y

LIST BY CLASS REPORT - FOR JUL. 23, 1977

CLASS #? 193

ITEM #	DESCRIPTION	ON-HAND	VENDOR	UNIT COST

INVALID CLASS #

DO YOU WANT TO CHECK ANOTHER CLASS (Y OR N)? Y

LIST BY CLASS REPORT - FOR JUL. 23, 1977

CLASS #? 13

ITEM #	DESCRIPTION	ON-HAND	VENDOR	UNIT COST
136928	WRENCH	193	1673	$7.28
745336	FUSE BK.	20	27	$12.65

CHECK

REGISTER

The following pages contain illustrations of the check register. This listing maintains a record of all the checks written by the program, automatically, as well as any that are manually entered.

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DO YOU WANT TO ENTER ANY ADDITIONAL CHECKS TO THE REGISTER (Y OR N) ? N

CHECK REGISTER

DATE JUL. 23, 1977

ACCOUNT #	CHECK #	PAYEE NAME	CHECK DATE	AMOUNT
ACCOUNTS PAYABLE CHECKS				
165	100	SUBURBAN TRUST	SEP. 7, 1977	$295.72
190	101	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	102	ALLIED ELECTRONICS	SEP. 7, 1977	$347.25
110	103	FORD CREDIT	SEP. 7, 1977	$187.50
115	104	CHEMICAL BANK	SEP. 7, 1977	$67.21
165	200	SUBURBAN TRUST	SEP. 7, 1977	$295.72
190	201	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	202	ALLIED ELECTRONICS	SEP. 7, 1977	$347.25
110	203	FORD CREDIT	SEP. 7, 1977	$187.50
115	204	CHEMICAL BANK	SEP. 7, 1977	$67.21
165	300	SUBURBAN TRUST	SEP. 7, 1977	$295.72
190	301	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	302	ALLIED ELECTRONICS	SEP. 7, 1977	$347.25
110	303	FORD CREDIT	SEP. 7, 1977	$187.50
115	304	CHEMICAL BANK	SEP. 7, 1977	$67.21
165	500	SUBURBAN TRUST	SEP. 7, 1977	$595.00
190	501	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	502	ALLIED ELECTRONICS	SEP. 7, 1977	$410.00
110	503	FORD CREDIT	SEP. 7, 1977	$187.50
115	504	CHEMICAL BANK	SEP. 7, 1977	$67.21

```
DO YOU WANT TO ENTER ANY ADDITIONAL CHECKS TO THE REGISTER (Y OR N) ? Y

HOW MANY CHECKS ARE YOU ENTERING ? 2
INPUT THE FOLLOWING FOR EACH CHECK
ACCOUNT NUMBER
A - IF IT IS A PAYABLE CHECK -OR- P -IF IT IS A PAYROLL CHECK
THE CHECK NUMBER
THE PAYEE NAME
THE CHECK DATE AS: SEP. 23, 1977
THEN ENTER THE AMOUNT AS: 457.96

 ENTER ALL INPUTS FOR A CHECK ON THE SAME LINE

NOW ENTER THE DATA FOR THE FIRST CHECK
? AA327,P,463Q,PHILLIP SMITH,JUL. 17,1977,135.62
ENTER THE DATA FOR THE NEXT CHECK
? AS531,P,465Q,F.G. GILES,JUL. 24,1977,77.26
```

error: RUB removes the I

CHECK REGISTER

DATE JUL. 23, 1977

ACCOUNT #	CHECK #	PAYEE NAME	CHECK DATE	AMOUNT
ACCOUNTS PAYABLE CHECKS				
165	100	SUBURBAN TRUST	SEP. 7, 1977	$295.72
190	101	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	102	ALLIED ELECTRONICS	SEP. 7, 1977	$347.25
110	103	FORD CREDIT	SEP. 7, 1977	$187.50
115	104	CHEMICAL BANK	SEP. 7, 1977	$67.21
165	200	SUBURBAN TRUST	SEP. 7, 1977	$295.72
190	201	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	202	ALLIED ELECTRONICS	SEP. 7, 1977	$347.25
110	203	FORD CREDIT	SEP. 7, 1977	$187.50
115	204	CHEMICAL BANK	SEP. 7, 1977	$67.21
165	300	SUBURBAN TRUST	SEP. 7, 1977	$295.72
190	301	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	302	ALLIED ELECTRONICS	SEP. 7, 1977	$347.25
110	303	FORD CREDIT	SEP. 7, 1977	$187.50
115	304	CHEMICAL BANK	SEP. 7, 1977	$67.21
165	500	SUBURBAN TRUST	SEP. 7, 1977	$595.00
190	501	LAFAYETTE ELEC.	SEP. 7, 1977	$87.63
185	502	ALLIED ELECTRONICS	SEP. 7, 1977	$410.00
110	503	FORD CREDIT	SEP. 7, 1977	$187.50
115	504	CHEMICAL BANK	SEP. 7, 1977	$67.21
PAYROLL CHECKS				
AA327	463Q	PHILLIP SMITH	JUL. 17, 1977	$135.62
AS531	465Q	F.G. GILES	JUL. 24, 1977	$77.26

FIXED

ASSETS

SECTION

(NON-SALEABLE)

(INVENTORY)

WOULD YOU LIKE TO UPDATE THE NON-SALEABLE INVENTORY (Y OR N)? N

DEPREC. INVENTORY LEDGER

DATE: JUL. 23, 1977

ITEM #	DESCRIPTION	COST	DEPREC.	NET
S16371	FURNITURE	9238.16	3877.34	5360.82
A3876	TRUCK	5236.84	2293.95	2942.89
196721	TEST EQUIP.	17236.12	5116.80	12119.33
C6398	TRADE FAIR PROPS.	923.18	580.40	342.78
D165	BUILDING	40000.00	6459.83	33540.17
G190	OFF. EQUIP.	5977.64	2602.00	3375.64

TOTAL COST = $78,611.94
TOTAL DEPRECIATION = $20,930.33
TOTAL NET NON-SALEABLE INVENTORY = $57,681.61

```
WOULD YOU LIKE TO UPDATE THE NON-SALEABLE INVENTORY (Y OR N)? Y

HOW MANY NEW ITEMS DO YOU WANT TO ADD? 1
INPUT ALL NINE QUANTITIES FOR EACH NEW ITEM ON ONE LINE AS ASKED.
? 176916,BENCH,2798.50,285,20,1977,6,2,0
```

DEPREC. INVENTORY LEDGER

DATE: JUL. 23, 1977

ITEM #	DESCRIPTION	COST	DEPREC.	NET
176916	BENCH	2798.50	23.32	2775.18
S16371	FURNITURE	9238.16	3877.34	5360.82
A3876	TRUCK	5236.84	2293.95	2942.89
196721	TEST EQUIP.	17236.12	5116.80	12119.33
C6398	TRADE FAIR PROPS.	923.18	580.40	342.78
D165	BUILDING	40000.00	6459.83	33540.17
D190	OFF. EQUIP.	5977.64	2602.00	3375.64

TOTAL COST = $81,410.44
TOTAL DEPRECIATION = $20,953.65
TOTAL NET NON-SALEABLE INVENTORY = $60,456.79

PAYROLL

SECTION

The operation of the payroll routine is illustrated in this section. This includes employee records, paychecks, unemployment totals, updating of employee data and the quarterly 941 reports. Again two ledgers are illustrated for the payroll section. The first is for use as a reference when looking at the second which shows the effects of employee updating as well as wage totals.

THIS IS THE PAYROLL SECTION. IT GENERATES THE FOLLOWING REPORTS.

1 - PAYROLL LEDGER
2 - PRINT PAYCHECKS OR 941'S
3 - PRINT THE UNEMPLOYMENT TOTALS
4 - WITHHOLDING TOTALS
5 - UPDATE EMPLOYEE DATA
6 - END

WHICH ONE DO YOU WANT TO DO? 1

PAYROLL LEDGER DATE JUL. 23, 1977

EMPLOYEE NUMBER	EMPLOYEE NAME	S.S. #	$/HR.	# DEPENDENTS	
MISC. DED	GROSS PAY	TOTAL FED	TOTAL STATE	TOTAL FICA 11	INS. DED.
A3721	J.M. DOYLE	339-26-4096	$6.53	2	
$0.00	$6,791.20	$1,358.24	$407.46	$397.28	$7.50
B6219	G.R. CRAMER	224-16-3209	$3.18	103	
$0.00	$3,305.94	$595.06	$198.34	$193.38	$5.92
A1872	PHIL H. JOHNSON	118-19-3402	$4.38	1	
$0.00	$4,555.20	$1,002.14	$273.30	$266.46	$6.15

```
DO YOU WISH TO CHANGE ANY OF THE FOLLOWING FOR ANY EMPLOYEE.

RATE OF PAY
NUMBER OF DEDUCTIONS
INSURANCE DEDUCTION
MISC. DEDUCTIONS
(Y OR N)? Y

HOW MANY EMPLOYEES ARE YOU MODIFYING? 1
ENTER THE EMPLOYEE #; CHANGES IN; RATE OF PAY, # OF DEDUCTIONS (IF MARRIED,
ADD 100 TO THE NUMBER), $ OF INSURANCE DEDUCTION, AND $ MISC. DEDUCTIONS. IF
THERE IS NO CHANGE FOR AN ITEM, ENTER A '0'.

ENTER THE CHANGES: ? B6219,.55,0,3.12,10

EMPLOYEE CHANGE ERROR LIST


THIS IS THE PAYROLL SECTION.  IT GENERATES THE FOLLOWING REPORTS.

                1 - PAYROLL LEDGER
                2 - PRINT PAYCHECKS OR 941'S
                3 - PRINT THE UNEMPLOYMENT TOTALS
                4 - WITHHOLDING TOTALS
                5 - UPDATE EMPLOYEE DATA
                6 - END

WHICH ONE DO YOU WANT TO DO? 1
```

PAYROLL LEDGER DATE JUL. 23, 1977

EMPLOYEE NUMBER	EMPLOYEE NAME	S.S. #	$/HR.	# DEPENDENTS	
MISC. DED	GROSS PAY	TOTAL FED	TOTAL STATE	TOTAL FICA 11	INS. DED.
A3721	J.M. DOYLE	339-26-4096	$6.53	2	
$0.00	$6,791.20	$1,358.24	$407.46	$397.28	$7.50
B6219	G.R. CRAMER	224-16-3209	$3.73	103	
$10.00	$3,305.94	$595.06	$198.34	$193.38	$9.04
A1872	PHIL H. JOHNSON	118-19-3402	$4.38	1	
$0.00	$4,555.20	$1,002.14	$273.30	$266.46	$6.15

TYPE A '0' IF YOU WANT TO RUN THE 941 QUARTERLY TOTALS.
OR TYPE A '1'IF YOU WANT TO RUN PAYCHECKS.? 479

illegal entry

TYPE A '0' IF YOU WANT TO RUN THE 941 QUARTERLY TOTALS.
OR TYPE A '1'IF YOU WANT TO RUN PAYCHECKS.? 1

DID ALL THE EMPLOYEES WORK A STANDARD PAY PERIOD (Y OR N)? Y

WHEN CHECKS ARE IN PLACE, READY FOR PRINTING, TYPE IN THE STARTING CHECK #? 479

Scientific Research Instruments Co., Inc. 15-3/511
PAYROLL ACCOUNT
1712 Farmington Court, Crofton, Md. 21114

No. 479

DATE JUL. 23, 1977

PAY TO THE ORDER OF: J.M. DOYLE

PAY
$ 374. 44

PAY EXACTLY $374. DOLLARS AND 44 CENTS

Scientific Research Instruments Co., Inc.
PAYROLL ACCOUNT

MAIN OFFICE
THE RIGGS NATIONAL BANK
WASHINGTON, D.C.

AUTHORIZED SIGNATURE

THIS IS A STATEMENT OF YOUR EARNINGS AND DEDUCTIONS
PLEASE DETACH AND RETAIN

No. 479

PERIOD ENDING JUL. 23, 1977

		DEDUCTIONS					
A3721	522.40		7.50			80	
EMP. NO.	SALARY	INSURANCE			SAVINGS		DEPT. NO.

	$7,169.94		0.00	80.22	30.56	29.68	$374.44
OVERTIME OR COMMISSION	GROSS SALARY	ADVANCES	OTHER DEDUCTIONS	FED. W.H. TAX	STATE W.H. TAX	F.I.C.A.	NET PAY

Scientific Research Instruments Co., Inc.

UNEMPLOYMENT TAX SUMMARY - FOR JUL. 23, 1977

(STATE UNEMPLOYMENT TOTALS)

YR. TO DATE	THIS PERIOD	THIS QTR.
$360.13	$277.48	$310.54

(FEDERAL UNEMPLOYMENT TOTALS)

YR. TO DATE	THIS PERIOD	THIS QTR.
$84.03	$64.75	$72.46

THIS IS THE PAYROLL SECTION. IT GENERATES THE FOLLOWING REPORTS.

1 - PAYROLL LEDGER
2 - PRINT PAYCHECKS OR 941'S
3 - PRINT THE UNEMPLOYMENT TOTALS
4 - WITHHOLDING TOTALS
5 - UPDATE EMPLOYEE DATA
6 - END

WHICH ONE DO YOU WANT TO DO? 4

WITHHOLDING TOTALS (YR. TO DATE) TO DATE: JUL. 23, 1977

TOTAL FICA	TOTAL FED.	TOTAL STATE	TOTAL INS.	TOTAL MISC
GROSS PAY	STATE UNEM.	FED. UNEM.	MISC.	
$917.24	$3,060.32	$927.66	$22.69	$10.00
$15,679.88	$360.13	$84.03	$3,469.60	

THIS IS THE PAYROLL SECTION. IT GENERATES THE FOLLOWING REPORTS.

1 - PAYROLL LEDGER
2 - PRINT PAYCHECKS OR 941'S
3 - PRINT THE UNEMPLOYMENT TOTALS
4 - WITHHOLDING TOTALS
5 - UPDATE EMPLOYEE DATA
6 - END

WHICH ONE DO YOU WANT TO DO? 5

DO YOU WANT TO REMOVE AN EMPLOYEE - (Y OR N)? N

DO YOU WANT TO ADD AN EMPLOYEE (Y OR N)? Y
HOW MANY ARE YOU ADDING? 1
INPUT THEN NEW EMPLOYEE DATA
? E4531,364-45-8237,G.L. HAR[ ]SON,297 MAPLE ST.,BOWIE,MD.,20983,3.90,2
?? 0,0,0,0,0,0,0,0,0,0,0,0,

error: RUB removes the ,

THIS IS THE PAYROLL SECTION. IT GENERATES THE FOLLOWING REPORTS.

1 - PAYROLL LEDGER
2 - PRINT PAYCHECKS OR 941'S
3 - PRINT THE UNEMPLOYMENT TOTALS
4 - WITHHOLDING TOTALS
5 - UPDATE EMPLOYEE DATA
6 - END

WHICH ONE DO YOU WANT TO DO? 1

PAYROLL LEDGER DATE JUL. 23, 1977

EMPLOYEE NUMBER	EMPLOYEE NAME	S.S. #	$/HR.	# DEPENDENTS	
MISC. DED	GROSS PAY	TOTAL FED	TOTAL STATE	TOTAL FICA 11	INS. DED.
A3721	J.M. DOYLE	339-26-4096	$6.53	2	
$0.00	$7,169.94	$1,403.85	$426.37	$419.44	$7.50
B6219	G.R. CRAMER	224-16-3209	$3.73	103	
$10.00	$3,604.34	$608.62	$208.89	$210.84	$9.04
A1872	PHIL H. JOHNSON	118-19-3402	$4.38	1	
$0.00	$4,905.60	$1,047.85	$292.40	$286.96	$6.15
E4531	G.L. HARRISON	364-45-8237	$3.90	2	
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

TYPE A '0' IF YOU WANT TO RUN THE 941 QUARTERLY TOTALS.
OR TYPE A '1'IF YOU WANT TO RUN PAYCHECKS.? 0

941 TOTALS SUMMARY
FOR DATE JUL. 23, 1977

S.S. #	NAME	GROSS PAY	FED. TAX	FICA
339-26-4096	J.M. DOYLE	3774.34	724.73	220.80
224-16-3209	G.R. CRAMER	1951.37	311.09	114.15
118-19-3402	PHIL H. JOHNSON	2628.00	546.78	153.73
364-45-8237	G.L. HARRISON	0.00	0.00	0.00

TOTAL WAGES PAID = $8,353.71
TOTAL FED. TAX WITHHELD = $1,582.60
TOTAL FICA WITHHELD = $488.68

THIS IS THE PAYROLL SECTION. IT GENERATES THE FOLLOWING REPORTS.

1 - PAYROLL LEDGER
2 - PRINT PAYCHECKS OR 941'S
3 - PRINT THE UNEMPLOYMENT TOTALS
4 - WITHHOLDING TOTALS
5 - UPDATE EMPLOYEE DATA
6 - END

BALANCE

SHEET

&

PROFIT/LOSS

STATEMENT

BALANCE STATEMENT
FOR
SCIENTIFIC RESEARCH INC.
A STOCK CORPORATION

DATE SEP. 9, 1977

ASSETS

CASH ON HAND		7837.16
SALEABLE INVENTORY		2288.45
A/R OUTSTANDING		1200.80
DEPREC. INVENTORY COST		78611.94
ACCUM. DEPREC.	21,918.85	
NET ASSETS		$68,019.50

OTHER ASSETS

LAND	38500	
PATENTS	11800	
TOTAL OTHER ASSETS		50300.00
TOTAL ASSETS		$118,319.50

LIABILITIES

MORTGAGE PAYABLE	$23,618.71	
LOANS PAYABLE	4032.48	
TAXES PAYABLE	0.00	
OTHER LIABILITIES	14384.03	
SUB TOTAL		$42,035.22
SCIENTIFIC RESEARCH INC. STOCK		$53,516.00
RETAINED EARNINGS		$22,768.28
TOTAL LIABILITIES AND EQUITY		$118,319.50

THIS SECTION GENERATES THE FOLLOWING REPORTS:
1 - BALANCE SHEET
2 - PROFIT AND LOSS
3 - YEARS END AND W-2'S
4 - END
WHICH WOULD YOU LIKE TO DO? 2

PROFIT AND LOSS STATEMENT

FOR SCIENTIFIC RESEARCH INC. DATE SEP. 9, 1977
A STOCK CORPORATION

INCOME

CASH SALES	9565.31	
A/R ACCOUNT SALES	3914.39	
TOTAL SALES		$13,479.70

EXPENSES

NET WAGES	1660.12	
TOTAL PAYROLL TAXES	781.94	
OTHER EXPENSES	8628.27	
DEPRECIATION EXPENSE	2002.39	
TOTAL EXPENSES		13072.72
NET INCOME		$406.97

COST OF GOODS SOLD

OPENING INVENTORY	21492.21	
PURCHASED TO DATE	14652.85	
ON HAND	2280.45	
COST OF GOODS SOLD (YR. TO DATE)		$33,844.61

THIS SECTION GENERATES THE FOLLOWING REPORTS:
1 - BALANCE SHEET
2 - PROFIT AND LOSS
3 - YEARS END AND W-2'S
4 - END
WHICH WOULD YOU LIKE TO DO? 3

W-2'S

AND

YEAR END

TAX

SUMMARY

```
THIS SECTION GENERATES THE FOLLOWING REPORTS:
          1 - BALANCE SHEET
          2 - PROFIT AND LOSS
          3 - YEARS END AND W-2'S
          4 - END
WHICH WOULD YOU LIKE TO DO? 3

THE W-2'S WILL BE PRINTED FIRST.  WHEN THEY ARE IN PLACE,
TYPE A (CR)?

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TYPE IN YOUR FEDERAL I.D. #? 34-45997
```

For Official Use Only

Wage and Tax Statement 1976

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810
34-45997

Type or print EMPLOYER'S name, address, ZIP code and Federal identifying number (and State I.D. number, if applicable).

Copy A For Internal Revenue Service Center

Employee's social security number	1 Federal income tax withheld	2 Wages, tips, and other compensation	3 FICA employee tax withheld	4 Total FICA wages
224-16-3209	595.06	3305.94	193.38	3305.94

Type or print Employee's name, address, and ZIP code below. (Name must aline with arrow)

Name ▶ G.R. CRAMER
P.O. BOX 637
BALT., MD. 21192

5 Was employee covered by a qualified pension plan, etc.?	6 *	7 *
8 State or local tax withheld: 198.34	9 State or local wages: 595.06	10 State or locality
11 State or local tax withheld	12 State or local wages	13 State or locality

* See instructions on back of Copy D

Form W-2 38-2515832 See instructions on Form W-3 and back of Copy D Department of the Treasury—Internal Revenue Service APP. 3/29/76

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810
34-45997

Wage and Tax Statement 1976

Type or print EMPLOYER'S name, address, ZIP code and Federal identifying number (and State I.D. number, if applicable).

Copy B To be filed with employee's FEDERAL tax return

This information is being furnished to the Internal Revenue Service.

Employee's social security number	1 Federal income tax withheld	2 Wages, tips, and other compensation	3 FICA employee tax withheld	4 Total FICA wages
224-16-3209	595.06	3305.94	193.38	3305.94

Type or print Employee's name, address, and ZIP code below.

G.R. CRAMER
P.O. BOX 637
BALT., MD. 21192

5 Was employee covered by a qualified pension plan, etc.?	6	7
8 State or local tax withheld: 198.34	9 State or local wages: 595.06	10 State or locality
11 State or local tax withheld	12 State or local wages	13 State or locality

Form W-2 38-2515832 Department of the Treasury—Internal Revenue Service APP. 3/29/76

For Official Use Only

Wage and Tax Statement 1976

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810
34-45997

Type or print EMPLOYER'S name, address, ZIP code and Federal identifying number (and State I.D. number, if applicable).

Copy A For Internal Revenue Service Center

Employee's social security number	1 Federal income tax withheld	2 Wages, tips, and other compensation	3 FICA employee tax withheld	4 Total FICA wages
118-19-3402	1002.14	4555.20	266.46	4555.20

Type or print Employee's name, address, and ZIP code below. (Name must aline with arrow)

Name ▶ PHIL H. JOHNSON
3941 WASHINGTON AVE.
WASHINGTON, D.C. 20813

5 Was employee covered by a qualified pension plan, etc.?	6 *	7 *
8 State or local tax withheld: 273.30	9 State or local wages: 1002.14	10 State or locality
11 State or local tax withheld	12 State or local wages	13 State or locality

* See instructions on back of Copy D

W-2 See instructions on Form W-3 and back of Copy D Department of the Treasury—Internal Revenue Service APP. 3/29/76

SCIENTIFIC RESEARCH INC.
1712 FARMINGTON CT.
CROFTON, MD. 20810
34-45997

Wage and Tax Statement 1976

Type or print EMPLOYER'S name, address, ZIP code and Federal identifying number (and State I.D. number, if applicable).

Copy B To be filed with employee's FEDERAL tax return

This information is being furnished to the Internal Revenue Service.

Employee's social security number	1 Federal income tax withheld	2 Wages, tips, and other compensation	3 FICA employee tax withheld	4 Total FICA wages
118-19-3402	1002.14	4555.20	266.46	4555.20

Type or print Employee's name, address, and ZIP code below.

PHIL H. JOHNSON
3941 WASHINGTON AVE.
WASHINGTON, D.C. 20813

5 Was employee covered by a qualified pension plan, etc.?	6	7
8 State or local tax withheld: 273.30	9 State or local wages: 1002.14	10 State or locality
11 State or local tax withheld	12 State or local wages	13 State or locality

Form W-2 38-2515832 Department of the Treasury—Internal Revenue Service APP. 3/29/76

YEAR END TAX REPORT DATE SEP. 9, 1977

WAGES PAID

TOTAL WAGES PAID	$14,652.34	
TOTAL FED. TAX WITHHELD	$2,955.44	
TOTAL FICA WITHHELD	$857.12	
TOTAL STATE TAX WITHHELD	$879.10	
PAYROLL TAX TOTALS		$4,691.66

EXPENSES

TAXES (LESS PAYROLL)	6794.50	
SELLING EXPENSES	11501.34	
ADVERTISING EXPENSES	5617.81	
RENT	2099.21	
UTILITIES	980.10	
RETURN/ALLOWANCES	119.42	
REPAIRS	268.60	
BAD DEBTS	140.56	
INTEREST	725.37	
OFFICE EXPENSES	2788.84	
INSURANCE	484.82	
MISC. EXPENSES	238.10	
TOTAL EXPENSES		$42,109.34

CASH SECTION

CASH ON HAND	7837.16	
CASH SALES	$48,537.01	
OPEN ACCOUNT SALES	$1,802.11	
TOTAL SALES		$50,339.11

INVENTORY TOTALS

TOTAL ON HAND AT YR. END	$2,288.45
INVENTORY PURCHASES THIS YEAR	$14,652.90
INVENTORY AT BEGINNING	$21,492.21

* * * * * * * * HAPPY NEW YEAR * * * * * * * *

THIS SECTION GENERATES THE FOLLOWING REPORTS:
1 - BALANCE SHEET
2 - PROFIT AND LOSS
3 - YEARS END AND W-2'S
4 - END
WHICH WOULD YOU LIKE TO DO? 4

SAMPLE

DATA

READY FOR ENTRY

PAYROLL

Number of Employees 3 Number of Hours in Payperiod 80

State Unemployment % 3

Employee # (16/digits)*	A 3721		B6219		A 1872		
Soc. Sec. # (11/digits)*	339-26-	4096	224-16-	3209	118-19-3	402	
Name (20/char)	J. M. Doyle		G. R. Cramer		Phil H. Johnson		
Street Address	181 West st.		P.O. Box	637	3941 Washington Ave.		
City	Baltimore		Baltimore		Washington		
State	Md.		Md.		D.C.		
Zip*	21080		21192		20813		
$/Hour (16/digits)	6.53		3.1788		4.38		
# Of Dependents	2		103		1		
$/Deduction (16/digits)	7.50		5.92		6.15		
$/Misc. Deduction (16/digits)	0		0		0		
$/Gross Pay Yr-to-Date (16/digits)	6791.20		3305.94		4555.20		
$/FICA Yr-to-Date (16/digits)	397.28		193.38		266.46		
$/FED TAX Yr- to-Date (16/digits)	1358.24		595.06		1002.14		
$/STATE TAX Yr-to-Date (16/digits)	407.46		198.34		273.30		
$/Gross Pay this Period (16/digits)	1131.87		550.99		759.20		
$/Taxes Paid this Period (16/digits)	360.50		164.46		256.98		
$/Wages this Quarter (16/digits)	3395.60		1652.97		2277.60		
$/FICA this Quarter (16/digits)	198.64		96.69		133.23		
$/FED TAX this Quarter (16/digits)	679.12		297.53		501.07		

*Alpha/Numeric

As of June 30
(end of period and Quarter)

As of June 30, 1977

DEPRECIABLE INVENTORY (*Alpha/Numeric) Number of Items 6

Item # *(16/digits)	Description (20/char.)	Cost (16/digits)	Salvage Value (16/digits)	Life/Yrs	Year in Service (ie: 1977)	Month in Service (1-12)	Depreciation (1,2,3,etc.)	$/Depreciation to Last P&L (16/digits)
S16371	Furniture	9238.16	115.00	10	1973	4	1	3725.29
A3876	Truck	5236.84	560.00	5	1976	2	2	2087.49
196721	Test Equip	17236.12	827.19	10	1975	3	150	4808.04
C6398	Trade Fair Exp	923.18	5.00	4	1977	1	3	579.90
D165	Bldg	40000.00	12315.00	20	1972	11	1	6229.13
D190	OFF. Equip.	5977.64	785.00	10	1974	9	2	2486.61

As of June 30, 1977

MERCHANDISE INVENTORY (*Alpha/Numeric) Number of Inventory Items 10

Item # *(16/dig)	Class # (8.4/dig)	Vendor # (16/dig)	Description (20/char.)	Unit Cost (16/dig)	Selling Price (16/dig)	Total # Purchased To Date (16/dig)	Total # Sold To Date (16/dig)	Month of Last Sale (1-12)	Day of Last Sale (1-31)	# Purchased to Last P&L (16/digits) (Since Jan 1.)	Total # Purchased this Period (16/digits)
136928	15.0013	1673	Wrench	7.13	14.26	289	196	6	16	63	37
A221679	10.0009	1673	Saw	5.17	10.34	315	311	4	22	109	42
234561	190.0	96	Plastic Rod	2.18	4.36	1812	1731	6	7	513	118
C556178	5.0020	873	Pulley	22.19	44.38	132	127	6	13	42	14
723756	25.0073	27	Gauge	19.56	39.12	512	487	5	21	137	39
745336	25.0013	27	FuseBk.	12.65	25.30	185	165	3	19	53	18
812763	15.0002	1673	Globe	5.88	11.76	315	289	6	30	118	22
876512	490.0002	873	WireMesh	3.18	6.36	3218	3112	6	6	1180	293
A915332	10.0002	1673	File	1.32	2.64	190	178	5	5	63	9
973328	30.0	27	Cover	0.73	1.46	1213	1118	6	19	609	210

1 / ACCOUNTS RECEIVABLE (*Alpha/Numeric) Number of Accounts 6

Customer # *(16/digit)	Customer Name (20/char)	Street Address (18/char)	City	State	Zip *(6/dig)	$/Sales Yr-to-date (16/digit)	$/Sales Since Last P&L (16/dig)	# of Trans. (6/dig)	CR	Item # *(16/dig)	Quantity (16/dig)	Unit Selling Price (16/dig)	Month (1-12)	Day of Trans. (1-31)	$/Pymts. (16/dig)	Descrip. (20/char)
37116 DH	Westham	327 N.	melrose		37215	1857.46	144.76	4	✓	C556178	25	44.38	3	18	500.00	Pulley
—	Sales Co.	Cherry St.		IL.						876512	50	6.36	4	12	0	Wire Mesh
—										136928	20	14.26	5	19	250.00	Wrench
—										A221679	14	10.34	6	7	0	Saw
45686	Remington	2314 Sherwood	Lakeside		45217	32.88	4.36	2	✓	136928	2	14.26	3	17	0	Wrench
—	Can Co.	Ave.		TX.						234561	1	4.36	6	12	30.00	Plastic Rod
51376H	Omega	P.O Box 4045	Stanford	N.J	91268	1118.76	0	0	✓	—						
78192 AC	Digitran	3421 St.	Pasadena		91105	408.32	0	3	✓	723756	6	39.12	1	18	180.00	Gauze
—		Lawrence		CA.						745336	6	25.30	3	12	0	Fuse Bk
—										234561	5	4.36	5	23	150.00	Plastic Rod
93216DA	Superior	Box 30	Reader		16804	162.14	10.34	4	✓	812763	8	11.76	2	3	0	Globe
—	Electric			PA						A915332	7	2.64	3	18	0	File
—										234561	9	4.36	3	29	150.00	Plastic Rod
—										A221679	1	10.34	6	11	0	Saw

2/ ACCOUNTS RECEIVABLE (*Alpha/Numeric) Number of Accounts —

Customer # *(16/digit)	Customer Name (20/char)	Street Address (18/char)	City	State	Zip *(6/dig)	$/Sales Yr-to-date (16/digit)	$/Sales Since Last P&L (16/dig)	# of Trans. (6/dig)	CR	Item # *(16/dig)	Quantity (16/dig)	Unit Selling Price (16/dig)	Month (1-12)	Day of Trans. (1-31)	$/Pymts. (16/dig)	Descrip. (20/char)
10	Cash	0	0	0	0	0	0	9	✓	0	1	1060.00	6	3	1060.00	0
—	Sale									0	1	1008.00	6	7	1008.00	0
—	Account									0	1	1125.00	6	11	1125.00	0
—										0	1	1090.00	6	15	1090.00	0
—										0	1	1360.00	6	18	1360.00	0
—										0	1	1135.00	6	22	1135.00	0
—										0	1	1118.00	6	25	1118.00	0
—										0	1	1002.00	6	28	1002.00	0
—										0	1	667.31	6	30	667.31	0

ACCOUNTS PAYABLE / 1. (*Alpha/Numeric)

Number of Accounts 11

Account Description (20char. or less)	Account Vendor # *(16 digits)	Day Due (1-31)	$/Balance (16 digits)	Type (1-4)	$/Due (16 digits)
Suburban Trust	165	25	23,618.71	1	295.72
Lafayette Elec.	190	18	2383.12	4	87.63
Allied Electonics	185	5	11871.16	4	347.25
Ford Credit	110	2	3119.81	2	187.50
Chemical Bank	115	30	912.67	2	67.21
Cash Expenditure	10	0	117.25	4	117.25
Aging - 30 days	30	0	5.00	4	0
Aging - 45 Days	45	0	0	4	0
Aging - 60 Days	60	0	0	4	0
Aging - 90 Days	90	0	0	4	0
Aging - Over 90	99	0	7.50	4	0

MISC FILE

Company Name,	Scientific Research Inc.
Street Address,	1712 Farmington Ct.
City-State,	Crofton - Md. Zip 20810
Type of Business	(1-4) 3 Sales Tax % 5
$/Cash Sales to Date of Last P&L (16/digits)	38,971.74
$/Cash Sales this Period (16/digits)	965.31
$/Cash on Hand (16/digits)	7837.16
$/Company Equity (16/digits)	53,516.00
# of Add'l Assets (6/digits)	2 (CR)

Assets $/Value (16/digits)	38500.00	11800.00				
Asset Description	LAND	PATENTS				

		$/Yr-to-Date (16/digits)	$/Total this Period (16/digits)
1	Taxes (Excludes Payroll)	5816.34	978.16
2	Selling Expense	7230.49	4270.85
3	Advert. Expense	4236.35	1381.46
4	Rent Expense	1629.35	469.86
5	Utilities	602.37	377.73
6	Returns/Allowances	107.42	12.00
7	Repairs	216.93	51.67
8	Bad Debts	119.21	21.35
9	Interest Expense	607.18	118.19
10	Office Expense	2030.21	758.63
11	Insurance Expense	316.34	168.48
12	Misc. Expense	218.21	19.89

$/Earnings to Last P&L (16/digits) 16,738.22.

As of June 30, 1977

BUILDING

A DATA BASE

USING

ACBS1

```
1950 PRINT#3,D1
1960 PRINT
1970 PRINT"ENTER CUSTOMER ACCOUNTS ACCORDING TO THE FOLLOWING FORMAT."
1980 PRINT
1990 PRINT"CUSTOMER #":PRINT"NAME":PRINT"ST. ADDRESS":PRINT"CITY":PRINT"STATE":P
RINT"ZIP"
2000 PRINT"TOTAL $ SALES - YEAR TO DATE":PRINT"TOTAL SALES SINCE LAST P&L"
2010 PRINT"# OF OUTSTANDING TRANSACTIONS FOR THE CUSTOMER (SALES AND PAYMENTS
2020 PRINT
2030 PRINT"        THEN STARTING ON A NEW LINE, ENTER THE DATA FOR EACH"
2040 PRINT"        OUTSTANDING TRANS. PER THE FOLLOWING FORMAT."
2050 PRINT"ITEM #":PRINT"QUANTITY PURCHASED":PRINT"UNIT SELLING PRICE (LESS TAX)
"
2060 PRINT"MONTH (1-12) OF PURCHASE":PRINT"DAY (1-31) OF PURCHASE OR SALE"
2070 PRINT"PAYMENT":PRINT"DESCRIPTION  (IE:  SALE OR PAYMENT)"
2080 PRINT
2090 PRINT"   ENTER '0' FOR ALL NO ACTIVITY DATA."
2100 PRINT"   IF THERE ARE NO OUTSTANDING TRANS. THEN ENTER A '0' AND"
2110 PRINT"   START THE DATA FOR THE NEXT CUSTOMER ON THE NEXT LINE."
2120 PRINT
2130 PRINT"NOW ENTER YOUR DATA AS OUTLINED ABOVE."
2140 FOR I=1 TO D1
2150 INPUT F$,E$,D$,C$,B$,A$,Z,R,D1
2160 PRINT#3,F$;",";E$;",";D$;",";C$;",";B$;",";A$;",";Z;R;D1
2170 IF D1<1 THEN 2230
2180 FOR J=1 TO D1
2190 PRINT"INPUT THE TRANSACTION DATA"
2200 INPUT A$,Q9,P8,G7,G6,Q8,D$
2210 PRINT#3,A$;",";Q9;P8;G7;G6;Q8;D$
2220 NEXT J
2230 NEXT I
2240 PRINT
2250 PRINT"THIS FINISHES THE A/R SECTION."
2260 I9=-5
2270 GOSUB 3570
2280 CLOSE
2290 FOR I=1 TO 5
2300 PRINT
2310 NEXT I
2320 OPEN "O",2,"A/P",DJ
2330 PRINT"NOW YOUR ACCOUNTS PAYABLES WILL BE ENTERED."
2340 PRINT"HOW MANY ACCOUNTS DO YOU HAVE (INCLUDES ALL"
2350 PRINT"RE-OCCURING BILLS, ETC) ";
2360 INPUT N
2370 PRINT#2,N
2380 PRINT
2390 PRINT"ENTER A DESCRIPTION OF EACH PER THE FOLLOWING FORMAT"
2400 PRINT"DESCRIPTION (BANK NAME , ETC. )":PRINT"PAYEE #"
2410 PRINT"DAY OF THE MONTH PAYMENT DUE (1-31)":PRINT"PRESENT BALANCE OWED"
2420 PRINT"TYPE OF ACCOUNT (1- MORTAGES, 2- LOANS, 3- TAXES, 4- OTHER A/P)"
2430 PRINT"$ PAYMENT DUE."
2440 PRINT"NOW ENTER YOUR DATA AS SET OUT ABOVE"
2450 FOR I=1 TO N
2460 INPUT A$,B$,A,P1,C,O
2470 Q=0
2480 PRINT#2,A$;",";B$;",";A;P1;C;O;Q
2490 NEXT I
2500 PRINT
2510 PRINT"THE A/P SECTION IS FINISHED."
2520 I9=-6
2530 GOSUB 3570
2540 CLOSE
2550 FOR I=1 TO 5
2560 PRINT
2570 NEXT I
2580 OPEN "O",1,"MISC"
```

```
2590 PRINT"THIS SECTION WILL CREATE THE MISC. FILE.  IT IS USED TO"
2600 PRINT"KEEP TRACK OF DATA TO BE USED ON THE FINANCIAL STATEMENTS."
2610 PRINT
2620 PRINT"ENTER YOUR COMPANY NAME, ADDRESS, CITY, STATE AND ZIP CODE."
2630 INPUT A1$,B1$,E1$,F1$
2640 PRINT"IF THIS COMPANY IS A SOLE OWNERSHIP TYPE A              1"
2650 PRINT"IF THIS COMPANY IS A PARTNERSHIP, TYPE A                2"
2660 PRINT"IF THIS COMPANY IS A STOCK-CORPORATION, TYPE A          3"
2670 PRINT"IF THIS COMPANY IS A NON-STOCK CORPORATION, TYPE A      4"
2680 INPUT"WHICH";K9
2690 PRINT"INPUT YOUR STATES SALES TAX AS A % - (IE: 5)  ";
2700 INPUT K8
2710 PRINT"ENTER YOUR TOTAL CASH SALES AS OF THE LAST P&L AND THEN"
2720 PRINT"TYPE A COMMA AND ENTER CASH SALES FOR THIS PERIOD NOW-  ";
2730 INPUT Q,Q1
2740 PRINT"NOW YOUR CASH ON HAND, THEN YOUR COMPANYS EQUITY ";
2750 INPUT Q2,Q3
2760 PRINT#1,1;Q;Q1;Q2;Q3;K8;A1$;",";B1$;",";E1$;",";F1$;",";K9
2770 PRINT"ENTER THE NUMBER OF ADDITIONAL ASSETS YOU MAY HAVE THAT HAVE"
2780 PRINT"NOT BEEN ENTERED AS YET. (IF NONE, TYPE A ZERO) ";
2790 INPUT A
2800 PRINT#1,A
2810 IF A<1 THEN 2870
2820 FOR I=1 TO A
2830 PRINT"TYPE IN THE $ VALUE OF THE ASSET A COMMA AND DESCRIPTION "
2840 INPUT R,B$
2850 PRINT#1,R,B$
2860 NEXT I
2870 PRINT
2880 PRINT"NOW THE EXPENSE PORTION OF THE MISC FILE WILL BE CREATED."
2890 PRINT"THIS PROGRAM WILL CARRY 12 SEPERATE EXPENSE ITEMS, THEY ARE:"
2900 PRINT"      1. TAXES"
2910 PRINT"      2. SELLING EXP."
2920 PRINT"      3. ADVERTISING EXP."
2930 PRINT"      4. RENT"
2940 PRINT"      5. UTILITIES"
2950 PRINT"      6. RETURN/ALLOWANCES"
2960 PRINT"      7. REPAIRS"
2970 PRINT"      8. BAD DEBTS"
2980 PRINT"      9. INTEREST"
2990 PRINT"     10. OFFICE EXP."
3000 PRINT"     11. INSURANCE"
3010 PRINT"     12. MISC. EXP."
3020 PRINT"AS THE COMPUTER PRINTS OUT THE EXPENSE NUMBER ENTER THE TOTALS"
3030 PRINT"FOR EACH ITEM SEPERATED BY A COMMA.  FIRST ENTER THE TOTAL $"
3040 PRINT"FOR THIS EXPENSE FOR YEAR TO DATE, THEN THE TOTAL $ FOR THE"
3050 PRINT"PRESENT PERIOD (SINCE THE LAST P&L STATEMENT).  IF A TOTAL IS"
3060 PRINT"NOT KNOWN ENTER A ZERO (0).  THIS WILL NOT INHIBIT PROGRAM"
3070 PRINT"OPERATION BUT WILL AFFECT THE ACCURACY OF THE NUMBERS GENERATED."
3080 PRINT"THEREFORE IT WOULD BE BENEFICIAL TO HAVE ALL THE FIGURES"
3090 PRINT"IN ORDER BEFORE THE PROGRAM IS RUN.  THIS PROGRAM CAN BE RUN"
3100 PRINT"ONLY ** ONCE ** SO BE READY WITH ALL YOUR DATA AHEAD OF TIME."
3110 FOR I=1 TO 12
3120 PRINT"EXP. #";I,
3130 INPUT Q,R
3140 PRINT#1,Q;R;
3150 NEXT I
3160 PRINT
3170 PRINT"LASTLY ENTER THE COMPANIES TOTAL EARNINGS (PROFIT OR LOSS)"
3180 PRINT"AS OF THE LAST P&L STATEMENT.  THIS MAY BE FOUND BY ADDING"
3190 PRINT"THE TOTAL ON ALL PREVIOUS P&L STATEMENTS RUN THIS YEAR."
3200 PRINT"ENTER THE DOLLAR AMOUNT HERE ";
3210 INPUT Q
3220 PRINT#1,Q
3230 PRINT
3240 OPEN"O",2,"CHK",DJ
```

```
TO INITIALIZE THE SYSTEM FOR YOUR DATA BASE.  IT WILL
ASK YOU FOR ALL THE DATA NECESSARY TO FULLY DESCRIBE
YOUR BUSINESS TO THE COMPUTER.

THIS PROGRAM HAS BEEN BROKEN UP INTO SIX FILE CREATION SECTIONS.
AFTER COMPLETION OF EACH SECTION, YOU WILL BE ASKED WHETHER
YOU WANT TO CONTINUE THE FILE CREATION IN ACBSI AT A LATER
TIME.  THIS WILL ALLOW YOU CREATE AS MANY FILES AS YOU HAVE
TIME.  IN THE MERCHANDISE INVENTORY SECTION, BECAUSE OF THE SIZE
OF THE FILE, YOU WILL BE ALLOWED TO SPECIFY THE NUMBER OF
ITEMS YOU WISH TO ENTER IN A SESSION.
      ********
NOW YOUR DATA FOR THE MERCHANDISE INVENTORY WILL BE ENTERED
USE THE SAME ENTRY METHOD AS YOU USED ABOVE.
HOW MANY DIFFERENT ITEMS DO YOU HAVE IN YOUR SALEABLE
INVENTORY ? 10

HOW MANY ITEMS DO YOU WISH TO ENTER IN THIS SESSION? 7


USE THE FOLLOWING FORMAT FOR ENTERING YOUR DATA
ITEM #
CLASS #  (IE:  0000.XXXX WHERE XXXX IS THE CLASS AND 0000 IS THE MINIMUM
     INVENTORY LEVEL DESIRED.)
VENDOR #
DESCRIPTION (30 CHAR. OR LESS)
UNIT COST $
SELLING PRICE $ (LESS SALES TAX)
# PURCHASED YR. TO DATE
# SOLD YR. TO DATE
MONTH LAST ONE SOLD (1-12)
DAY OF THE MONTH (1-31)
# PURCHASED AS OF LAST P&L
# PURCHASED THIS PERIOD
      ********
NOW ENTER YOUR DATA SEPERATED BY COMMAS AS PER THE
ABOVE FORMAT.

? 136928,15.0013,1673,WRENCH,7.13,14.26,289,196,6,16,63,37
? A221679,10.0009,1673,SAW,5.17,10.34,315,311,4,22,109,42
? 234561,190.0,96,PLASTIC ROD,2.18,4.36,1812,1731,6,7,513,118
? C556178,5.0020,873,PULLEY,22.19,44.38,132,127,6,13,42,14
? 723756,25.0073,27,GAUZE,19.56,39.12,512,487,5,21,137,39
? 745336,25.0013,27,FUSE BK.,12.65,25.30,185,165,3,19,53,18
? 812763,15.0002,1673,GLOBE,5,.88,11.76,315,289,6,30,118,22
YOU HAVE NOW ENTERED THE NUMBER OF ENTRIES SPECIFIED.
DO YOU WISH TO CONTINUE TO ENTER ADDITIONAL ENTRIES,
ENTER (YES OR NO)? NO
*
```

```
RUN"ACBS1

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**                          CROFTON, MD. 21114          **
EDITED BY - JOHN W. SWAIN



WELCOME TO THE ACBS.  A SYSTEM OF PROGRAMS DESIGNED TO
MAINTAIN ALL OF YOUR BUSINESS RECORDS, EVEN TAXES.
      ********
THIS IS THE FILE CREATION SECTION, IT IS ONLY USED ONCE
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YOUR BUSINESS TO THE COMPUTER.

THIS PROGRAM HAS BEEN BROKEN UP INTO SIX FILE CREATION SECTIONS.
AFTER COMPLETION OF EACH SECTION, YOU WILL BE ASKED WHETHER
YOU WANT TO CONTINUE THE FILE CREATION IN ACBS1 AT A LATER
TIME.  THIS WILL ALLOW YOU CREATE AS MANY FILES AS YOU HAVE
TIME.  IN THE MERCHANDISE INVENTORY SECTION, BECAUSE OF THE SIZE
OF THE FILE, YOU WILL BE ALLOWED TO SPECIFY THE NUMBER OF
ITEMS YOU WISH TO ENTER IN A SESSION.
      ********
YOU HAVE ENTERED 7 ITEMS TO THIS POINT.  YOUR LAST ITEM
ENTERED WAS ITEM #812763, CLASS # 2 , VENDOR # 1673
YOU NOW HAVE 3  ITEMS LEFT TO ENTER INTO THE FILE.
CONTINUE ENTERING THE DATA IN THE FILE
HOW MANY ITEMS DO YOU WISH TO ENTER IN THIS SESSION? 4
YOU ONLY HAVE 3  ENTRIES LEFT.


USE THE FOLLOWING FORMAT FOR ENTERING YOUR DATA
ITEM #
CLASS #  (IE:  0000.XXXX WHERE XXXX IS THE CLASS AND 0000 IS THE MINIMUM
     INVENTORY LEVEL DESIRED.)
VENDOR #
DESCRIPTION (30 CHAR. OR LESS)
UNIT COST $
SELLING PRICE $ (LESS SALES TAX)
# PURCHASED YR. TO DATE
# SOLD YR. TO DATE
MONTH LAST ONE SOLD (1-12)
DAY OF THE MONTH (1-31)
# PURCHASED AS OF THE LAST P&L
# PURCHASED THIS PERIOD
      ********
NOW ENTER YOUR DATA SEPERATED BY COMMAS AS PER THE
ABOVE FORMAT.

? 876512,490.0002,873,WIRE MESH,3.18,6.36,3218,3112,6,6,1180,293
? A915332,10.0002,1673,FILE,1.32,2.64,190,178,5,5,63,9
? 973328,30,27,COVER,0.73,1.46,1213,1118,6,19,609,210

THIS COMPLETES THE INVENTORY SECTIONS.



DO YOU WISH TO DO THE NEXT SECTION AT THIS TIME
ENTER (YES OR NO)? Y
```

```
THE ACCOUNTS RECEIVABLE SECTION WILL NOW BE CREATED.

HOW MANY CUSTOMER ACCOUNTS DO YOU HAVE? 6

ENTER CUSTOMER ACCOUNTS ACCORDING TO THE FOLLOWING FORMAT.

CUSTOMER #
NAME
ST. ADDRESS
CITY
STATE
ZIP
TOTAL $ SALES - YEAR TO DATE
TOTAL SALES SINCE LAST P&L
# OF OUTSTANDING TRANSACTIONS FOR THE CUSTOMER (SALES AND PAYMENTS

        THEN STARTING ON A NEW LINE, ENTER THE DATA FOR EACH
        OUTSTANDING TRANS. PER THE FOLLOWING FORMAT.
ITEM #
QUANTITY PURCHASED
UNIT SELLING PRICE (LESS TAX)
MONTH (1-12) OF PURCHASE
DAY (1-31) OF PURCHASE OR SALE
PAYMENT
DESCRIPTION (IE: SALE OR PAYMENT)

    ENTER '0' FOR ALL NO ACTIVITY DATA.
    IF THERE ARE NO OUTSTANDING TRANS. THEN ENTER A '0' AND
    START THE DATA FOR THE NEXT CUSTOMER ON THE NEXT LINE.

NOW ENTER YOUR DATA AS OUTLINED ABOVE.
? 37116DH,WESTHAM SALES CO.,327 CAN. CHERRY ST.,MELROSE,TL.,37215,1857.46,144.76
,4
INPUT THE TRANSACTION DATA
? C556178,25,44.38,3,18,500,PULLEY
INPUT THE TRANSACTION DATA
? 876512,50,6.36,4,12,0,WIRE MESH
INPUT THE TRANSACTION DATA
? 136928,20,14.26,5,19,250.00,WRENCH
INPUT THE TRANSACTION DATA
? A221679,14,10.34,6,7,0,SAW
? 45686,REMINGTON CAN CO.,2314 SHERWOOD AVE.,LAKESIDE, TX.,45217,32.88,4.356,2
INPUT THE TRANSACTION DATA
? 136928,2,14.26,3,17,0,WRENCH
INPUT THE TRANSACTION DATA
? 234561,1,4.36,6,12,30,PLASTIC ROD
? 51376H,OMEGA,P.O. BOX 4045,STANFORD,N.J.,91268,1118.76,0,0
? 78192AC,DIGITRAN,3421 LAWRENCE ST.,PASADENA,CA.,91105,408.32,0,3
INPUT THE TRANSACTION DATA
? 723756,6,39.12,1,18,180,GAUZE
INPUT THE TRANSACTION DATA
? 745336,6,25.30,3,12,0,FUSE BK.
INPUT THE TRANSACTION DATA
? 234561,5,4.36,5,23,150.00,PLASTIC ROD
? 932160A,SUPERIOR ELECTRIC,BOX 30,READER,PA.,16804,162.14,10,34,4
INPUT THE TRANSACTION DATA
? 812763,8,11.76,2,3,0,GLOBE
INPUT THE TRANSACTION DATA
? A915332,7,2.64,3,18,0,FILE
INPUT THE TRANSACTION DATA
? 234561,9,4.36,3,29,150,PLASTIC ROD
INPUT THE TRANSACTION DATA
? A221679,1,10.34,6,11,0,SAW
? 10,CASH SALE ACCOUNT,0,0,0,0,0,0,9
INPUT THE TRANSACTION DATA
? 0,1,1060.00,6,3,1060.00,0
```

error: RUB removes the C

error: RUB removes the 5

```
INPUT THE TRANSACTION DATA
? 0,1,1008.00,6,7,1008.00,0
INPUT THE TRANSACTION DATA
? 0,1,1125.00,6,11,1125.00,0
INPUT THE TRANSACTION DATA
? 0,1,1090.00,6,15,1090,0
INPUT THE TRANSACTION DATA
? 0,1,1360.00,6,18,1360.00,0
INPUT THE TRANSACTION DATA
? 0,1,1135.00,6,22,1135.00,0
INPUT THE TRANSACTION DATA
? 0,1,1118.00,6,25,1118.00,0
INPUT THE TRANSACTION DATA
? 0,1,1002,6,28,1002.00,0
INPUT THE TRANSACTION DATA
? 0,1,667.31,6,30,667.31,0

THIS FINISHES THE A/R SECTION.
DO YOU WISH TO DO THE NEXT SECTION AT THIS TIME
ENTER (YES OR NO)? NO
*
```

```
RUN
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**                          CROFTON, MD. 21114          **
EDITED BY - JOHN W. SWAIN



WELCOME TO THE ACBS.  A SYSTEM OF PROGRAMS DESIGNED TO
MAINTAIN ALL OF YOUR BUSINESS RECORDS, EVEN TAXES.
      ********
THIS IS THE FILE CREATION SECTION, IT IS ONLY USED ONCE
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ASK YOU FOR ALL THE DATA NECESSARY TO FULLY DESCRIBE
YOUR BUSINESS TO THE COMPUTER.

THIS PROGRAM HAS BEEN BROKEN UP INTO SIX FILE CREATION SECTIONS.
AFTER COMPLETION OF EACH SECTION, YOU WILL BE ASKED WHETHER
YOU WANT TO CONTINUE THE FILE CREATION IN ACBS1 AT A LATER
TIME.  THIS WILL ALLOW YOU CREATE AS MANY FILES AS YOU HAVE
TIME.  IN THE MERCHANDISE INVENTORY SECTION, BECAUSE OF THE SIZE
OF THE FILE, YOU WILL BE ALLOWED TO SPECIFY THE NUMBER OF
ITEMS YOU WISH TO ENTER IN A SESSION.
      ********
NOW YOUR ACCOUNTS PAYABLES WILL BE ENTERED.
HOW MANY ACCOUNTS DO YOU HAVE (INCLUDES ALL
RE-OCCURING BILLS, ETC) ? 11

ENTER A DESCRIPTION OF EACH PER THE FOLLOWING FORMAT
DESCRIPTION (BANK NAME , ETC. )
PAYEE #
DAY OF THE MONTH PAYMENT DUE (1-31)
PRESENT BALANCE OWED
TYPE OF ACCOUNT (1= MORTAGES, 2= LOANS, 3= TAXES, 4= OTHER A/P)
$ PAYMENT DUE.
NOW ENTER YOUR DATA AS SET OUT ABOVE
? SUBURBAN TRUST,165,25,23618.71,1,295.72
? LAFAYETTE ELEC.,190,18,2383.12,4,87.63
? ALLIED ELECTRONICS,185,5,11871.16,4,347.25
? FORD CREDIT,110,2,3119.81,2,187.5
? CHEMICAL BANK,115,30,912.67,2,67.21
? CASH EXPENDITURE,10,0,117.25,4,117.25
? AGING - 30 DAYS,30,0,5.00,4,0
? AGING - 45 DAYS,45,0,0,4,0
? AGING - 60 DAYS,60,0,0,4,0
? AGING - 90 DAYS,90,0,0,4,0
? AGING - OVER 90,99,0,7.50,4,0

THE A/P SECTION IS FINISHED.
DO YOU WISH TO DO THE NEXT SECTION AT THIS TIME
ENTER (YES OR NO)? YES
```

```
                THIS SECTION WILL CREATE THE MISC. FILE.  IT IS USED TO
KEEP TRACK OF DATA TO BE USED ON THE FINANCIAL STATEMENTS.
                                                  error : RUB removes the 2
ENTER YOUR COMPANY NAME, ADDRESS, CITY, STATE AND ZIP CODE.
? SCIENTIFIC RESEARCH INC.,17212 FARMINGTON CT.,CROFTON,MD. 20810
IF THIS COMPANY IS A SOLE OWNERSHIP TYPE A                1
IF THIS COMPANY IS A PARTNERSHIP, TYPE A                  2
IF THIS COMPANY IS A STOCK-CORPORATION, TYPE A             3
IF THIS COMPANY IS A NON-STOCK CORPORATION, TYPE A         4
WHICH? 3
INPUT YOUR STATES SALES TAX AS A %  -  (IE: 5)  ? 5
ENTER YOUR TOTAL CASH SALES AS OF THE LAST P&L AND THEN
TYPE A COMMA AND ENTER CASH SALES FOR THIS PERIOD NOW- ? 38971.74,9565.31
NOW YOUR CASH ON HAND, THEN YOUR COMPANYS EQUITY ? 7837.16,53516
ENTER THE NUMBER OF ADDITIONAL ASSETS YOU MAY HAVE THAT HAVE
NOT BEEN ENTERED AS YET. (IF NONE, TYPE A ZERO) ? 2
TYPE IN THE $ VALUE OF THE ASSET A COMMA AND DESCRIPTION
? 38500.00,LAND
TYPE IN THE $ VALUE OF THE ASSET A COMMA AND DESCRIPTION
? 11800.00,PATIENTS

NOW THE EXPENSE PORTION OF THE MISC FILE WILL BE CREATED.
THIS PROGRAM WILL CARRY 12 SEPERATE EXPENSE ITEMS, THEY ARE:
     1. TAXES
     2. SELLING EXP.
     3. ADVERTISING EXP.
     4. RENT
     5. UTILITIES
     6. RETURN/ALLOWANCES
     7. REPAIRS
     8. BAD DEBTS
     9. INTEREST
    10. OFFICE EXP.
    11. INSURANCE
    12. MISC. EXP.
AS THE COMPUTER PRINTS OUT THE EXPENSE NUMBER ENTER THE TOTALS
FOR EACH ITEM SEPERATED BY A COMMA.  FIRST ENTER THE TOTAL $
FOR THIS EXPENSE FOR YEAR TO DATE, THEN THE TOTAL $ FOR THE
PRESENT PERIOD (SINCE THE LAST P&L STATEMENT).  IF A TOTAL IS
NOT KNOWN ENTER A ZERO (0).  THIS WILL NOT INHIBIT PROGRAM
OPERATION BUT WILL AFFECT THE ACCURACY OF THE NUMBERS GENERATED.
THEREFORE IT WOULD BE BENEFICIAL TO HAVE ALL THE FIGURES
IN ORDER BEFORE THE PROGRAM IS RUN.  THIS PROGRAM CAN BE RUN
ONLY ** ONCE ** SO BE READY WITH ALL YOUR DATA AHEAD OF TIME.
EXP. # 1      ? 5816.34,978.16
EXP. # 2      ? 7230.49,4270.85
EXP. # 3      ? 4236.35,1381.46
EXP. # 4      ? 1629.35,469.86
EXP. # 5      ? 602.37,377.73
EXP. # 6      ? 107.42,12
EXP. # 7      ? 216.93,51.67
EXP. # 8      ? 119.21,21.35
EXP. # 9      ? 607.18,118.19
EXP. # 10     ? 2030.21,758.63
EXP. # 11     ? 316.34,168.48
EXP. # 12     ? 218.21,19.89

LASTLY ENTER THE COMPANIES TOTAL EARNINGS (PROFIT OR LOSS)
AS OF THE LAST P&L STATEMENT.  THIS MAY BE FOUND BY ADDING
THE TOTAL ON ALL PREVIOUS P&L STATEMENTS RUN THIS YEAR.
ENTER THE DOLLAR AMOUNT HERE ? 16738.22
```

```
THIS COMPLETES THE CREATION ROUTINES.  NOW THE SIX DATA
FILES CONTAIN ENOUGH INFORMATION TO KEEP TRACK OF AND
PREPARE YOUR FINANCIAL STATEMENTS.  THE MAIN PROGRAM WILL
UPDATE ALL OF THIS DATA AS IT CHANGES AUTOMATICALLY.
   THIS DRIVER PROGRAM CAN ONLY BE RUN ONCE.  IF YOU TRY
TO RUN IT AGAIN, IT WILL STOP.  IF YOU MUST RERUN IT, YOU
WILL HAVE TO EMPTY ALL SIX OF THESE FILES AND START AGAIN.


THANK YOU FOR YOUR KIND HELP - NOW THE FILES CONTAIN ENOUGH
DATA FOR 'ACBS' TO KEEP TRACK OF YOUR COMPANY RECORDS FOR YOU.


BREAK IN 3420
*


RUN
   THIS DRIVER PROGRAM CAN ONLY BE RUN ONCE.  IF YOU TRY
TO RUN IT AGAIN, IT WILL STOP.  IF YOU MUST RERUN IT, YOU
WILL HAVE TO EMPTY ALL SIX OF THESE FILES AND START AGAIN.


THANK YOU FOR YOUR KIND HELP - NOW THE FILES CONTAIN ENOUGH
DATA FOR 'ACBS' TO KEEP TRACK OF YOUR COMPANY RECORDS FOR YOU.


BREAK IN 3420
*
```

SAMPLE

DATA SHEETS

USED FOR

ENTERING

THE DATA BASE

PAYROLL

Number of Employees _____ Number of Hours in Payperiod _____

State Unemployment Tax % _____

Employee # (16/digits)*							
Soc. Sec. # (11/digits)*							
Name (20/char)							
Street Address							
City							
State							
Zip*							
$/Hour (16/digits)							
# Of Dependents							
$/Deduction (16/digits)							
$/Misc. Deduction (16/digits)							
$/Gross Pay Yr-to-Date (16/digits)							
$/FICA Yr-to-Date (16/digits)							
$/FED TAX Yr- to-Date (16/digits)							
$/STATE TAX Yr-to-Date (16/digits)							
$/Gross Pay this Period (16/digits)							
$/Taxes Paid this Period (16/digits)							
$/Wages this Quarter (16/digits)							
$/FICA this Quarter (16/digits)							
$/FED TAX this Quarter (16/digits)							

*Alpha/Numeric

DEPRECIABLE INVENTORY (*Alpha/Numeric) Number of Items _____

Item # *(16/digits)	Description (20/char.)	Cost (16/digits)	Salvage Value (16/digits)	Life/Yrs	Year in Service (ie: 1977)	Month in Service (1-12)	Depreciation (1,2,3,etc.)	$/Depreciation to Last P&L (16/digits)

MERCHANDISE INVENTORY (*Alpha/Numeric) Number of Inventory Items _____

Item # *(16/dig.)	Class # (8.4/dig.)	Vendor # (16/dig.)	Description (20/char.)	Unit Cost (16/dig.)	Selling Price (16/dig.)	Total # Purchased To Date (16/dig.)	Total # Sold To Date (16/dig.)	Month of Last Sale (1-12)	Day of Last Sale (1-31)	# Purchased to Last P&L (16/digits) (Since Jan. 1)	Total # Purchased this Period (16/digits)

ACCOUNTS RECEIVABLE (*Alpha/Numeric)

Number of Accounts _____

Customer # *(16/digit)	Customer Name (20/char)	Street Address (18/char)	City	State	Zip *(6/dig)	$/Sales Yr-to-date (16/digit)	$/Sales Since Last P&L (16/dig)	# of Trans. (6/dig)	(CR)	Item # *(16/dig)	Quantity (16/dig)	Unit Selling Price (16/dig)	Month (1-12)	Day of Trans. (1-31)	$/Pymts. (16/dig)	Descrip. (20/char)

ACCOUNTS PAYABLE (*Alpha/Numeric) Number of Accounts _____

Account Description (20char. or less)	Account or Vendor # *(16 digits)	Day Due (1-31)	$/Balance (16 digits)	Type (1-4)	$/Due (16 digits)

MISC FILE

Company Name,	
Street Address,	
City-State,	– Zip
Type of Business	(1-4) Sales Tax %
$/Cash Sales to Date of Last P&L (16/digits)	
$/Cash Sales this Period (16/digits)	
$/Cash on Hand (16/digits)	
$/Company Equity (16/digits)	
# of Add'l Assets (6/digits)	(CR)

Assets $/Value (16/digits)						
Asset Description						

	$/Yr-to-Date (16/digits)	$/Total this Period (16/digits)
1 Taxes (Excludes Payroll)		
2 Selling Expense		
3 Advert. Expense		
4 Rent Expense		
5 Utilities		
6 Returns/Allowances		
7 Repairs		
8 Bad Debts		
9 Interest Expense		
10 Office Expense		
11 Insurance Expense		
12 Misc. Expense		

$/Earnings to Last P&L (16/digits) _____ .

YEARLY

PAYROLL TAX

UPDATING

The following sheet is a listing of the employee tax algorithms. To change the State or Federal tax withholdings simply type LOAD"PAY PROG. Then type in the line number you wish to change followed by the entire line as shown on the following page, substituting the numbers you are changing too, in place of the numbers that appear on the line. If you need to delete a line, simply type the line number and then press the Return key. If you need to enter a new line in addition to what is already there; such as in the State tax section, simply type in a line number between the two lines where you wish to place the new line and then type in the new line information. When finished, press the Return key. When all of the updating you are going to do is done, type SAVE"PAY PROG. You have now saved an updated copy of the payroll program.

```
5500 REM  STATE WITHHOLDING SUB.
5600 REM SET FOR MARYLAND 1977
5700 REM SO = STATE TAX
5800 REM D IS DEDUCTIONS.  IF >99 THEN MARRIED
5900 REMN2 IS THE HOURS PER PAY PERIOD
6000 REM GO IS THE GROSS PAY
6100 D1=0:D2=D:IFD>99THEND2=D-100:D1=1
6200 A1=(N2/40)*15.5*D2:G7=GO-A1:G6=GO*.01:IF(N2/4)>G6THENG6=N2/4
6300 REM  A1=$ EXEMPTIONS FOR DEPENDENTS
6400 REM G6 IS THE STATE STD. DEDUCTION
6500 G9=G7-G6:NO=N2/40:IFG9<(19*NO)THENSO=.03*G9:RETURN
6600 REM G9 IS THE STATE TAXABLE INCOME
6700 IFG9<(38*NO)THENSO=(NO*.59)+(.045*(G9-(19*NO))):RETURN
6800 IFG9<(57*NO)THENSO=(NO*1.44)+(.06*(G9-(38*NO))):RETURN
6900 SO=(NO*2.6)+(.075*(G9-(57*NO))):RETURN
7000 REM THIS IS THE FED TAX AND FICA
7100 REM F2 IS FED WITHHOLDING
7200 REM F3 IS FICA
7300 REM FICA IS 5.85 % TO 16500
7400 D1=0:D2=D:IFD>99THEND=D-100:D1=1
7500 NO=(N2/40):A1=(N2/40)*14.4*D:G9=GO-A1:IFD1=1THEN8600
7600 REM UNMARRIED PERSON
7700 IFG9<(33*NO)THENF2=0:GOTO9500
7800 IFG9<(76*NO)THENF2=(.16*(G9-(33*NO))):GOTO9500
7900 IFG9<(143*NO)THENF2=(6.88*NO)+(.18*(G9-(76*NO))):GOTO9500
8000 IFG9<(182*NO)THENF2=(18.94*NO)+(.22*(G9-(143*NO))):GOTO9500
8100 IFG9<(220*NO)THENF2=(27.52*NO)+(.24*(G9-(182*NO))):GOTO9500
8200 IFG9<(297*NO)THENF2=(36.64*NO)+(.28*(G9-(220*NO))):GOTO9500
8300 IFG9<(355*NO)THENF2=(58.2*NO)+(.32*(G9-(297*NO))):GOTO9500
8400 F2=(76.76*NO)+(.36*(G9-(355*NO))):GOTO9500
8500 REM MARRIED PERSON
8600 IFG9<(61*NO)THENF2=0:GOTO9500
8700 IFG9<(105*NO)THENF2=.15*(G9-(61*NO)):GOTO9500
8800 IFG9<(223*NO)THENF2=(6.6*NO)+(.18*(G9-(105*NO))):GOTO9500
8900 IFG9<(278*NO)THENF2=(27.84*NO)+(.22*(G9-(223*NO))):GOTO9500
9000 IFG9<(355*NO)THENF2=(39.94*NO)+(.25*(G9-(278*NO))):GOTO9500
9100 IFG9<(432*NO)THENF2=(59.19*NO)+(.28*(G9-(355*NO))):GOTO9500
9200 IFG9<(509*NO)THENF2=(80.75*NO)+(.32*(G9-(432*NO))):GOTO9500
9300 F2=(105.39*NO)+(.36*(G9-(509*NO))):GOTO9500
9400 REM THIS IS THE FICA SUB
9500 K1=16500:K2=.0585:IFP3>K1THENF3=0:RETURN
9600 IF(P3+GO)>K1THENK3=K1-P3:F3=K2*K3:RETURN
9700 F3=(K2*GO):RETURN
9800 GOSUB13700:QB=FIX(Q(10)):PRINTTAB(20);:PRINTUSING"$$###,###.
          ##";QB;FIX((Q(10)-FIX(Q(10)))*100+.5);
9900 P(11)=GO:P(12)=F3:P(13)=F2:PRINTTAB(S3);:PRINTUSINGV1$;Q(10):Q(20)=
11:FORI3=1TOQ(20):PRINT:NEXTI3:PRINTTAB(11);A9$:PRINTTAB(S3+I);L1$:PRINT
:PRINTTAB(M1);EN$;TAB(M2);:PRINTUSINGV1$;GO;:PRINTTAB(35);:PRINTUSING"##
##.##";P1;:PRINTTAB(60);N9
10000 REM  Q(20) SETS THE SPACING BETWEEN THE CHECKS AND THE STUB
10100 PRINT:PRINT:PRINT:PRINT:PRINTTAB(15);:PRINTUSINGV$;P3+GO;:PRINTTAB
(35);:PRINTUSING"####.##";P2,F2,SO,F3;:PRINTUSINGV$;Q(10)
10200 Q(19)=11:FORI3=1TOQ(19):PRINT:NEXTI3:Q(18)=Q(18)+Q(10):GOSUB12000
10300 REM Q(19) SETS THE SPACING TO THE NEXT CHECK
OK
```

A C B S 1

S O U R C E L I S T I N G

```
100 REM  A COMPLETE BUSINESS SYSTEM  PROGRAM
110 REM EDITED BY JOHN SWAIN
120 REM  UCC - COPYRIGHT 1977 BY ; - SCIENTIFIC RESEARCH
130 REM THE MISC FILE MUST BE SET TO A
140 REM VALUE OF -1 BEFORE RUNNING FOR THE FIRST TIME.
150 REM ACBS1 - DRIVER PROGRAM
160 REM THIS USES 6 REMOTE FILES.
170 REM "MISC","A/P","A/R","EINV","MINV","PAY"
180 WIDTH 80
190 CLEAR 6000
200 DEFDBL N-Z
210 ON ERROR GOTO 3770
220 OPEN "I",1,"MISC"
230 INPUT #1,I,I7,DJ
240 CLOSE
250 I9=I:IFI9>=0THEN3290
260 IFDJ>.5THENINPUT"PLACE YOUR DATA DISC IN DRIVE '2' AND HIT (CR)";ZX$:UNLOAD1
:MOUNT1
270 PRINT"** UCC - COPYRIGHT 1977 - BY SCIENTIFIC RESEARCH INST. **"
280 PRINT"**                                CROFTON, MD. 21114          **"
290 PRINT"EDITED BY - JOHN W. SWAIN"
300 REM THIS DRIVER SECTION SHOULD EXECUTE IN 15K OR LESS IN
310 REM MOST BASIC SPEAKING COMPUTERS WITH FILE CALLS.
320 FOR I=1 TO 5
330 PRINT
340 NEXT I
350 PRINT"WELCOME TO THE ACBS,  A SYSTEM OF PROGRAMS DESIGNED TO"
360 PRINT"MAINTAIN ALL OF YOUR BUSINESS RECORDS, EVEN TAXES."
370 PRINT"       *********"
380 PRINT"THIS IS THE FILE CREATION SECTION, IT IS ONLY USED ONCE"
390 PRINT"TO INITIALIZE THE SYSTEM FOR YOUR DATA BASE.  IT WILL"
400 PRINT"ASK YOU FOR ALL THE DATA NECESSARY TO FULLY DESCRIBE"
410 PRINT"YOUR BUSINESS TO THE COMPUTER."
420 PRINT
430 PRINT"THIS PROGRAM HAS BEEN BROKEN UP INTO SIX FILE CREATION SECTIONS."
440 PRINT"AFTER COMPLETION OF EACH SECTION, YOU WILL BE ASKED WHETHER"
450 PRINT"YOU WANT TO CONTINUE THE FILE CREATION IN ACBS1 AT A LATER "
460 PRINT"TIME.  THIS WILL ALLOW YOU CREATE AS MANY FILES AS YOU HAVE"
470 PRINT"TIME.  IN THE MERCHANDISE INVENTORY SECTION, BECAUSE OF THE SIZE"
480 PRINT"OF THE FILE, YOU WILL BE ALLOWED TO SPECIFY THE NUMBER OF"
490 PRINT"ITEMS YOU WISH TO ENTER IN A SESSION."
500 PRINT"       *********"
510 ON ABS(I9) GOTO 520,990,3420,1900,2320,2560
520 OPEN"O",6,"PAY",DJ
530 PRINT"THIS IS THE PAYROLL STORAGE SECTION.  IT IS USED TO"
540 PRINT"CREATE THE FILE 'PAY'.  SEPERATE EACH ENTRY WITH A COMMA."
550 REM E2=MAXIMUM NUMBER IN FILE
560 PRINT"HOW MANY EMPLOYEES ARE ON YOUR PAYROLL";
570 INPUT E1
580 PRINT"HOW MANY HOURS ARE IN A PAYROLL PERIOD (IE: 40,80 ETC.)";
590 INPUT H
600 INPUT"WHAT IS YOUR STATE UNEMPLOYMENT TAX RATE AS A %  (5.85)";UR
610 PRINT"ENTER YOUR EMPLOYEE INFORMATION IN THE FOLLOWING"
620 PRINT"ORDER FOR EACH EMPLOYEE.  EACH ENTRY MUST BE SEPERATED"
630 PRINT"FROM THE NEXT WITH A 'COMMA'  ********"
640 PRINT"EMPLOYEE #";:PRINT"SOCIAL SECURITY #";:PRINT"NAME (INITIALS, LAST NAME
IE.  J.W. SWAIN)";:PRINT"STREET ADDRESS"
650 PRINT"CITY, STATE   (IE:  CROFTON, MD.)"
```

```
660 PRINT"ZIP CODE  (IE,  21114)":PRINT"RATE OF PAY  ($/HR.)"
670 PRINT "# OF DEPENDENTS (IF MARRIED ADD 100 TO THIS NUMBER"
680 PRINT "     IE:  2 DEP. & MARRIED = 102 )":PRINT"$ DEDUCTIONS (INS, ETC.)":P
RINT"$ MISC. DED."
690 PRINT"GROSS PAY (YR. TO DATE)":PRINT"TOTAL FICA (YR. TO DATE)"
700 PRINT"TOTAL FEDERAL TAXES (YR. TO DATE)":PRINT"TOTAL STATE TAXES TO DATE"
710 PRINT"GROSS PAY SINCE LAST P&L"
720 PRINT"TOTAL TAXES PAID ON EMPLOYEE DURING THIS PERIOD (SINCE LAST P&L"
730 PRINT"     WAS RUN)."
740 PRINT"WAGES THIS QUARTER":PRINT"TOTAL FICA THIS QUARTER"
750 PRINT"TOTAL FEDERAL TAXES THIS QUARTER  (LESS FICA)."
760 PRINT
770 PRINT"   NOW TYPE THIS IN FOR THE FIRST EMPLOYEE AS SET OUT ABOVE"
780 F=1  ' F=FLAG FOR CURRENT OR PAST EMPLOYEE    F=1 IS CURRENT EMPLOYEE
790 INPUT EN$,A$,E$,AD$,AC$,AS$,AZ$,P0,D,P1,P2,P3,P4,P5,P6,P7,P8,W1,T1,T2
800 PRINT#6,E1;H;UR;EN$;",";A$;",";F;E$;",";AD$;",";AC$;",";AS$;",";AZ$
810 PRINT#6,P0;D;P1;P2;P3;P4;P5;P6;P7;P8;W1;T1;T2
820 IF E1<2 THEN 910
830 PRINT
840 FOR I=2 TO E1
850 PRINT"** ENTER THE DATA FOR YOUR NEXT EMPLOYEE **"
860 INPUT EN$,A$,E$,AD$,AC$,AS$,AZ$,P0,D,P1,P2,P3,P4,P5,P6,P7,P8,W1,T1,T2
870 PRINT#6,EN$;",";A$;",";F;E$;",";AD$;",";AC$;",";AS$;",";AZ$
880 PRINT#6,P0;D;P1;P2;P3;P4;P5;P6;P7;P8;W1;T1;T2
890 PRINT
900 NEXT I
910 PRINT"THAT FINISHES THE EMPLOYEE DATA."
920 CLOSE
930 FOR I=1 TO 5
940 PRINT
950 NEXT I
960 I9=-2
970 GOSUB 3570
980 REM THE EQUIPMENT INVENTORY SECTION
990 E2=0
1000 OPEN "O",4,"EINV",DJ
1010 PRINT"NOW THE INVENTORY DATA WILL BE PUT INTO THE FILES."
1020 PRINT"IT WILL BE DONE IN TWO PARTS- FIRST THE NON-SALEABLE"
1030 PRINT"ITEMS WILL BE INPUT (SUCH AS DESKS, TYPEWRITERS, CHAIRS,"
1040 PRINT"ETC.).  THEN THE MERCHANDISE WILL BE ENTERED."
1050 PRINT"HOW MANY DIFFERENT ITEMS DO YOU HAVE IN THE NON-"
1060 PRINT"SALEABLE INVENTORY (FIXED ASSETS)";
1070 INPUT D1
1080 PRINT#4,D1
1090 PRINT
1100 PRINT"ENTER THE DATA IN THE FOLLOWING FORMAT  (SEPERATE EACH"
1110 PRINT"ENTRY WITH A COMMA)."
1120 PRINT"ITEM #":PRINT"BRIEF DESCRIPTION (20 LETTERS OR LESS)":PRINT"COST IN $
"
1130 PRINT"SALVAGE VALUE IN $":PRINT"LIFE IN YEARS":PRINT"YEAR ACQUIRED"
1140 PRINT"MONTH (IN THAT YEAR) PUT INTO SERVICE '1-12'"
1150 PRINT"TYPE OF DEPREC. (1-ST. LINE, 2-DOUB. DECLINE, BAL.,"
1160 PRINT"     3-SUM OF THE YR. DIGITS, 4-% DECLINING BALANCE ( %>3 )"
1170 PRINT"TOTAL DEPRECIATION AS OF LAST P&L.":PRINT"YOU MAY LUMP SIMILAR ";
1180 PRINT"ITEMS TOGETHER."
1190 PRINT
1200 PRINT"NOW TYPE IN YOUR DATA ACCORDING TO THE ABOVE FORMAT FOR THE "
1210 PRINT"NINE VARIABLES. START EACH ITEM ON A NEW LINE."
1220 FOR I=1 TO D1
1230 INPUT E1$,E$,R,S,L,A,A1,D,T
1240 PRINT#4,E1$;",";E$;",";R;S;L;A;A1;D;T
1250 NEXT I
1260 PRINT
1270 CLOSE
1280 PRINT"THIS COMPLETES THE EQUIPMENT INVENTORY PART."
1290 I9=-3
```

```
1300 GOSUB 3570
1310 PRINT
1320 PRINT
1330 GOTO 3420
1340 OPEN "O",5,"MINV",DJ
1350 F9=0
1360 PRINT"NOW YOUR DATA FOR THE MERCHANDISE INVENTORY WILL BE ENTERED"
1370 PRINT"USE THE SAME ENTRY METHOD AS YOU USED ABOVE."
1380 PRINT"HOW MANY DIFFERENT ITEMS DO YOU HAVE IN YOUR SALEABLE"
1390 PRINT"INVENTORY ";
1400 INPUT E1
1410 PRINT#5,E1
1420 PRINT
1430 PRINT"HOW MANY ITEMS DO YOU WISH TO ENTER IN THIS SESSION";
1440 INPUT I8
1450 I8=I7+I8:IF I8<=E1 THEN 1480
1460 PRINT"YOU ONLY HAVE";E1-I7;" ENTRIES LEFT."
1470 I8=E1
1480 PRINT
1490 I7=I7+1
1500 PRINT
1510 PRINT"USE THE FOLLOWING FORMAT FOR ENTERING YOUR DATA":PRINT"ITEM #"
1520 PRINT"CLASS #  (IE:  0000,XXXX WHERE XXXX IS THE CLASS AND 0000 IS THE MI
MUM"
1530 PRINT"     INVENTORY LEVEL DESIRED.)"
1540 PRINT"VENDOR #":PRINT"DESCRIPTION (30 CHAR. OR LESS)"
1550 PRINT"UNIT COST-$":PRINT"SELLING PRICE-$ (LESS SALES TAX)"
1560 PRINT"# PURCHASED YR. TO DATE":PRINT"# SOLD YR. TO DATE"
1570 PRINT"MONTH LAST ONE SOLD (1-12)":PRINT"DAY OF THE MONTH (1-31)"
1580 PRINT"# PURCHASED AS OF THE LAST P&L":PRINT"# PURCHASED THIS PERIOD"
1590 PRINT"     *********"
1600 PRINT"NOW ENTER YOUR DATA SEPERATED BY COMMAS AS PER THE"
1610 PRINT"ABOVE FORMAT."
1620 PRINT
1630 FOR I=I7 TO I8
1640 INPUT E1$,W,V,E$,U,S,P,S5,D1,D2,N,P1
1650 PRINT#5,E1$;",";W;",";V;",";E$;",";U;",";S;",";P;",";S5;",";D1;",";D2;",";N;",";P1
1660 NEXT I
1670 IF I8<E1 THEN 3650
1680 PRINT
1690 GOTO 1820
1700 IF F9=0 THEN 1810
1710 CLOSE:OPEN "I",7,"SCR",DJ
1720 OPEN "O",5,"MINV",DJ
1730 INPUT #7,D7
1740 PRINT#5,D7
1750 IF EOF(7) THEN 1790
1760 INPUT#7,E1$,W2,V,E$,U,S,P,S5,D1,D2,N,P1
1770 PRINT#5,E1$;",";W2;",";V;",";E$;",";U;",";S;",";P;",";S5;",";D1;",";D2;",";N;",";P1
1780 GOTO 1750
1790 F9=0
1800 CLOSE
1810 RETURN
1820 IF F9=1 THEN GOSUB 1710
1830 PRINT"THIS COMPLETES THE INVENTORY SECTIONS."
1840 CLOSE
1850 FOR I=1 TO 5
1860 PRINT
1870 NEXT I
1880 I9=-4
1890 GOSUB 3570
1900 OPEN "O",3,"A/R",DJ
1910 PRINT"THE ACCOUNTS RECEIVABLE SECTION WILL NOW BE CREATED."
1920 PRINT
1930 PRINT"HOW MANY CUSTOMER ACCOUNTS DO YOU HAVE";
1940 INPUT D1
```

```
RUN"ACBS1
HOW MANY DISC DRIVE DO YOU HAVE ON YOUR SYSTEM? 1
** UCC - COPYRIGHT 1977 - BY SCIENTIFIC RESEARCH INST. **
**                          CROFTON, MD. 21114          **
EDITED BY - JOHN W. SWAIN



WELCOME TO THE ACBS.  A SYSTEM OF PROGRAMS DESIGNED TO
MAINTAIN ALL OF YOUR BUSINESS RECORDS, EVEN TAXES.
     ********
THIS IS THE FILE CREATION SECTION, IT IS ONLY USED ONCE
TO INITIALIZE THE SYSTEM FOR YOUR DATA BASE.  IT WILL
ASK YOU FOR ALL THE DATA NECESSARY TO FULLY DESCRIBE
YOUR BUSINESS TO THE COMPUTER.

THIS PROGRAM HAS BEEN BROKEN UP INTO SIX FILE CREATION SECTIONS.
AFTER COMPLETION OF EACH SECTION, YOU WILL BE ASKED WHETHER
YOU WANT TO CONTINUE THE FILE CREATION IN ACBS1 AT A LATER
TIME.  THIS WILL ALLOW YOU CREATE AS MANY FILES AS YOU HAVE
TIME.  IN THE MERCHANDISE INVENTORY SECTION, BECAUSE OF THE SIZE
OF THE FILE, YOU WILL BE ALLOWED TO SPECIFY THE NUMBER OF
ITEMS YOU WISH TO ENTER IN A SESSION.
     ********
THIS IS THE PAYROLL STORAGE SECTION.  IT IS USED TO
CREATE THE FILE 'PAY'.  SEPERATE EACH ENTRY WITH A COMMA.
HOW MANY EMPLOYEES ARE ON YOUR PAYROLL? 3
HOW MANY HOURS ARE IN A PAYROLL PERIOD (IE: 40,80 ETC.)? 80
WHAT IS YOUR STATE UNEMPLOYMENT TAX RATE AS A %  (5.85)? 3
ENTER YOUR EMPLOYEE INFORMATION IN THE FOLLOWING
ORDER FOR EACH EMPLOYEE.  EACH ENTRY MUST BE SEPERATED
FROM THE NEXT WITH A 'COMMA' ********
EMPLOYEE #
SOCIAL SECURITY #
NAME (INITIALS, LAST NAME  IE.  J.W. SWAIN)
STREET ADDRESS
CITY, STATE   (IE:  CROFTON, MD.)
ZIP CODE  (IE.  21114)
RATE OF PAY  ($/HR.)
# OF DEPENDENTS (IF MARRIED ADD 100 TO THIS NUMBER
     IE:  2 DEP. & MARRIED = 102 )
$ DEDUCTIONS (INS, ETC.)
$ MISC. DED.
GROSS PAY (YR. TO DATE)
TOTAL FICA (YR. TO DATE)
TOTAL FEDERAL TAXES (YR. TO DATE)
TOTAL STATE TAXES TO DATE
GROSS PAY SINCE LAST P&L
TOTAL TAXES PAID ON EMPLOYEE DURING THIS PERIOD (SINCE LAST P&L
     WAS RUN).
WAGES THIS QUARTER
TOTAL FICA THIS QUARTER
TOTAL FEDERAL TAXES THIS QUARTER  (LESS FICA).

   NOW TYPE THIS IN FOR THE FIRST EMPLOYEE AS SET OUT ABOVE
? A3721,339-26-4096,J.M. DOYLE,181 WEST ST.,BALTIMORE,MD.,21080,6.53,2,7.50,0,67
91.2,397.28,1358.24,407.46,1131.87,360.50,3395.60,198.64,679,  .12
                                                  error: RUB removes the ,
** ENTER THE DATA FOR YOUR NEXT EMPLOYEE **
? B6219,224-16-3209,G.R. CRAMER,P.O. BOX 637,BALT.,MD.,21[92,3.1788,103,5.92,0,3
305.94,193.38,595.05 6,198.34,550.99,164.46,1652.97,96.69,297.53
```

```
** ENTER THE DATA FOR YOUR NEXT EMPLOYEE **
? A1872,118-19-3402,PHIL H. JOHNSON,3941 WASHINGTON AVE.,WASHINGTON,D.C.,20813,4
,38,1,6,15,0,4555.2,266.46,1002.14,273.3,759.2,256.98,2277.6,133.23,501.07

THAT FINISHES THE EMPLOYEE DATA.



DO YOU WISH TO DO THE NEXT SECTION AT THIS TIME
ENTER (YES OR NO)? YES
NOW THE INVENTORY DATA WILL BE PUT INTO THE FILES.
IT WILL BE DONE IN TWO PARTS- FIRST THE NON-SALEABLE
ITEMS WILL BE INPUT (SUCH AS DESKS, TYPEWRITERS, CHAIRS,
ETC.).  THEN THE MERCHANDISE WILL BE ENTERED.
HOW MANY DIFFERENT ITEMS DO YOU HAVE IN THE NON-
SALEABLE INVENTORY (FIXED ASSETS)? 6

ENTER THE DATA IN THE FOLLOWING FORMAT  (SEPERATE EACH
ENTRY WITH A COMMA).
ITEM #
BRIEF DESCRIPTION (20 LETTERS OR LESS)
COST IN $
SALVAGE VALUE IN $
LIFE IN YEARS
YEAR ACQUIRED
MONTH (IN THAT YEAR) PUT INTO SERVICE '1-12'
TYPE OF DEPREC. (1-ST. LINE, 2-DOUB. DECLINE. BAL.,
     3-SUM OF THE YR. DIGITS, 4-% DECLINING BALANCE ( %*3 )
TOTAL DEPRECIATION AS OF LAST P&L.
YOU MAY LUMP SIMILAR ITEMS TOGETHER.

NOW TYPE IN YOUR DATA ACCORDING TO THE ABOVE FORMAT FOR THE
NINE VARIABLES. START EACH ITEM ON A NEW LINE.
? S16371,FURNITURE,9238.16,115,10,1973,4,1,3725.29
? A3876,TRUCK,5236.84,560,5,1976,2,2,2087.49
? 196721,TEST EQUIP.,,17236.12,827.19,10,1975,3,150,4808.04
? C6398,TRADE FAIR PROPS.,,923.18,5,4,1977,1,3,579.9
? D165,BUILDING,40000,12315,20,1972,11,1,,6229.13
? D190,OFF. EQUIP.,,5977.64,785,10,1974,9,2,2486.61

THIS COMPLETES THE EQUIPMENT INVENTORY PART.
DO YOU WISH TO DO THE NEXT SECTION AT THIS TIME
ENTER (YES OR NO)? NO
BREAK IN 3650
*



RUN
** UCC - COPYRIGHT 1977 - BY SCIENTIFIC RESEARCH INST. **
**                          CROFTON, MD. 21114          **
EDITED BY - JOHN W. SWAIN



WELCOME TO THE ACBS.  A SYSTEM OF PROGRAMS DESIGNED TO
MAINTAIN ALL OF YOUR BUSINESS RECORDS, EVEN TAXES.
        ********
THIS IS THE FILE CREATION SECTION, IT IS ONLY USED ONCE
```

```
3250 PRINT"THIS COMPLETES THE CREATION ROUTINES.  NOW THE SIX DATA"
3260 PRINT"FILES CONTAIN ENOUGH INFORMATION TO KEEP TRACK OF AND"
3270 PRINT"PREPARE YOUR FINANCIAL STATEMENTS.  THE MAIN PROGRAM WILL"
3280 PRINT"UPDATE ALL OF THIS DATA AS IT CHANGES AUTOMATICALLY."
3290 PRINT"    THIS DRIVER PROGRAM CAN ONLY BE RUN ONCE.  IF YOU TRY"
3300 PRINT"TO RUN IT AGAIN, IT WILL STOP.  IF YOU MUST RERUN IT, YOU"
3310 PRINT"WILL HAVE TO EMPTY ALL SIX OF THESE FILES AND START AGAIN."
3320 CLOSE
3330 FOR I=1 TO 5
3340 PRINT
3350 NEXT I
3360 PRINT"THANK YOU FOR YOUR KIND HELP - NOW THE FILES CONTAIN ENOUGH"
3370 PRINT"DATA FOR 'ACBS' TO KEEP TRACK OF YOUR COMPANY RECORDS FOR YOU."
3380 FOR I=1 TO 10
3390 PRINT
3400 NEXT I
3410 STOP
3420 IF I7=0 THEN 1340
3430 OPEN "I",7,"MINV",DJ
3440 OPEN "O",5,"SCR",DJ
3450 INPUT#7,E1
3460 PRINT#5,E1
3470 IF EOF(7) THEN 3510
3480 INPUT#7,E1$,W,V,E$,U,S,P,S5,D1,D2,N,P1
3490 PRINT#5,E1$;",";W;V;E$;",";U;S;P;S5;D1;D2;N;P1
3500 GOTO3470
3510 F9=1
3520 PRINT"YOU HAVE ENTERED";I7;"ITEMS TO THIS POINT.  YOUR LAST ITEM"
3530 PRINT"ENTERED WAS ITEM #";E1$;", CLASS #";FIX((W-FIX(W))*10000+.5);", VENDO
R #";V
3540 PRINT"YOU NOW HAVE";E1-I7;" ITEMS LEFT TO ENTER INTO THE FILE."
3550 PRINT"CONTINUE ENTERING THE DATA IN THE FILE"
3560 GOTO 1430
3570 PRINT"DO YOU WISH TO DO THE NEXT SECTION AT THIS TIME"
3580 PRINT"ENTER (YES OR NO)";
3590 INPUT F$
3600 IF LEFT$(F$,1)="Y" THEN RETURN
3610 CLOSE
3620 OPEN"O",1,"MISC"
3630 PRINT#1,I9,0,DJ
3640 CLOSE:END
3650 PRINT "YOU HAVE NOW ENTERED THE NUMBER OF ENTRIES SPECIFIED."
3660 PRINT"DO YOU WISH TO CONTINUE TO ENTER ADDITIONAL ENTRIES,"
3670 PRINT"ENTER (YES OR NO)";
3680 INPUT F$
3690 IF LEFT$(F$,1)="Y" THEN I7=I-1:GOTO 1430
3700 IF LEFT$(F$,1)="N" THEN 3720
3710 GOTO 3670
3720 OPEN "O",1,"MISC"
3730 PRINT#1,I9,I-1,DJ
3740 CLOSE
3750 GOSUB 1700
3760 END
3770 IF ERR=53 AND ERL=220 THEN INPUT"HOW MANY DISC DRIVE DO YOU HAVE ON YOUR SY
STEM";DJ:IFDJ>1,5THEN"PLACE YOUR PROGRAM DISC IN DRIVE '1' AND YOUR DATA DISC IN
DRIVE '2'":INPUT"HIT (CR) WHEN READY TO CONTINUE"ZX$:UNLOAD:MOUNT0:MOUNT1
3780 IFERR=53ANDERL=220THENOPEN"O",1,"MISC":PRINT#1,-1,0,DJ-1:CLOSE:RESUME220
3790 ON ERROR GOTO 0
*
```

S A M P L E

B U S I N E S S

F O R M S

A V A I L A B L E

invoice

INVOICE NUMBER

Scientific Research Instruments Co., Inc.

1712 Farmington Court
Crofton, MD. 21114
(301) 721-1148

PLEASE PAY FROM THIS INVOICE.
NO STATEMENT RENDERED EXCEPT
BY REQUEST.

SOLD TO	SHIP TO

CUST. ORDER NO.	DATE SHIPPED	SHIPPED VIA	TERMS	SALESMAN	F.O.B.	INVOICE DATE

QUANTITY	QUANTITY SHIPPED	DESCRIPTION	UNIT PRICE	AMOUNT

ACCOUNTS NOT PAID PROMPTLY WILL BE FORWARDED FOR COLLECTION.

TOTAL AMOUNT DUE

statement

SCIENTIFIC RESEARCH INSTRUMENTS CO., INC.
1712 Farmington Court
CROFTON, MD. 21114
(301) 721-1148

date _____

account no.

amount paid $ _____

thank you: YOUR CANCELLED CHECK IS YOUR RECEIPT.

FOLD

date	*reference*	*charges*	*credits*	*balance*

PAY LAST AMOUNT IN THIS COLUMN

REMITTANCE FROM

Scientific Research Instruments Co., Inc.

1712 Farmington Court, Crofton, Md. 21114

No.

VENDOR NO.	INVOICE NO.	INVOICE DATE		DEDUCTION	Code	NET
			$	$		$

DATE REMITTED:

AMOUNT REMITTED → $

DETACH BEFORE DEPOSITING

Scientific Research Instruments Co., Inc.

1712 Farmington Court, Crofton, Md. 21114

65-327
550

VENDOR #	MO.	DAY	YR.

No.

TO THE ORDER OF:

maryland national bank

Bethesda, Maryland

AUTHORIZE SIGNATURES

1088

Scientific Research Instruments Co., Inc.
PAYROLL ACCOUNT
1712 Farmington Court, Crofton, Md. 21114

15-3
511

No.

DATE

PAY TO THE
ORDER OF:

PAY
$

PAY EXACTLY DOLLARS AND CENTS

Scientific Research Instruments Co., Inc.
PAYROLL ACCOUNT

MAIN OFFICE
THE RIGGS NATIONAL BANK
WASHINGTON, D.C.

AUTHORIZED SIGNATURE

THIS IS A STATEMENT OF YOUR EARNINGS AND DEDUCTIONS
PLEASE DETACH AND RETAIN

No.

		DEDUCTIONS				PERIOD ENDING	
EMP. NO.	SALARY	INSURANCE			SAVINGS		DEPT. NO.

OVERTIME OR COMMISSION	GROSS SALARY	ADVANCES	OTHER DEDUCTIONS	FED. W.H. TAX	STATE W.H. TAX	F.I.C.A.	NET PAY

Scientific Research Instruments Co., Inc.

FORM 941a
Department of the Treasury
Internal Revenue Service

CONTINUATION SHEET FOR SCHEDULE A OF FORMS 941, 941-M, 941SS, OR 943
REPORT OF WAGES TAXABLE UNDER THE FEDERAL INSURANCE CONTRIBUTIONS ACT

Date Quarter Ended

Page Number (State / Federal)

Name of State

If this form is used as a continuation sheet for Form 943, Employer's Annual Tax Return for Agricultural Employees, please check here. ☐

SEE INSTRUCTIONS IN PUBLICATION NO. 393

Attach only original continuation sheets to your tax return. Do not send a carbon copy to the Internal Revenue Service.

Type or print in this space employer's identification number, name and address exactly as shown on the return.

EMPLOYEE'S SOCIAL SECURITY NUMBER (If number is unknown see Circular E) 000 00 0000	NAME OF EMPLOYEE (Please type or print)	TAXABLE F.I.C.A. WAGES Paid to employee in Quarter (Before deductions) Dollars Cents	TAXABLE TIPS REPORTED (See instructions Form 941) Dollars Cents	TOTAL WAGES * Paid This Quarter	STATE TAXABLE WAGES *	EXCESS WAGES OVER STATE LIMIT * — OR — Date Separated / Weeks Worked

TOTALS FOR THIS PAGE. Number of employees (Federal) $

Taxable wages and taxable tips reported

13-2678063

(LEFT BLANK FOR REVISIONS)

RELIABLE COMPUTER SOFTWARE

FOR YOUR DOWN TO EARTH TASKS