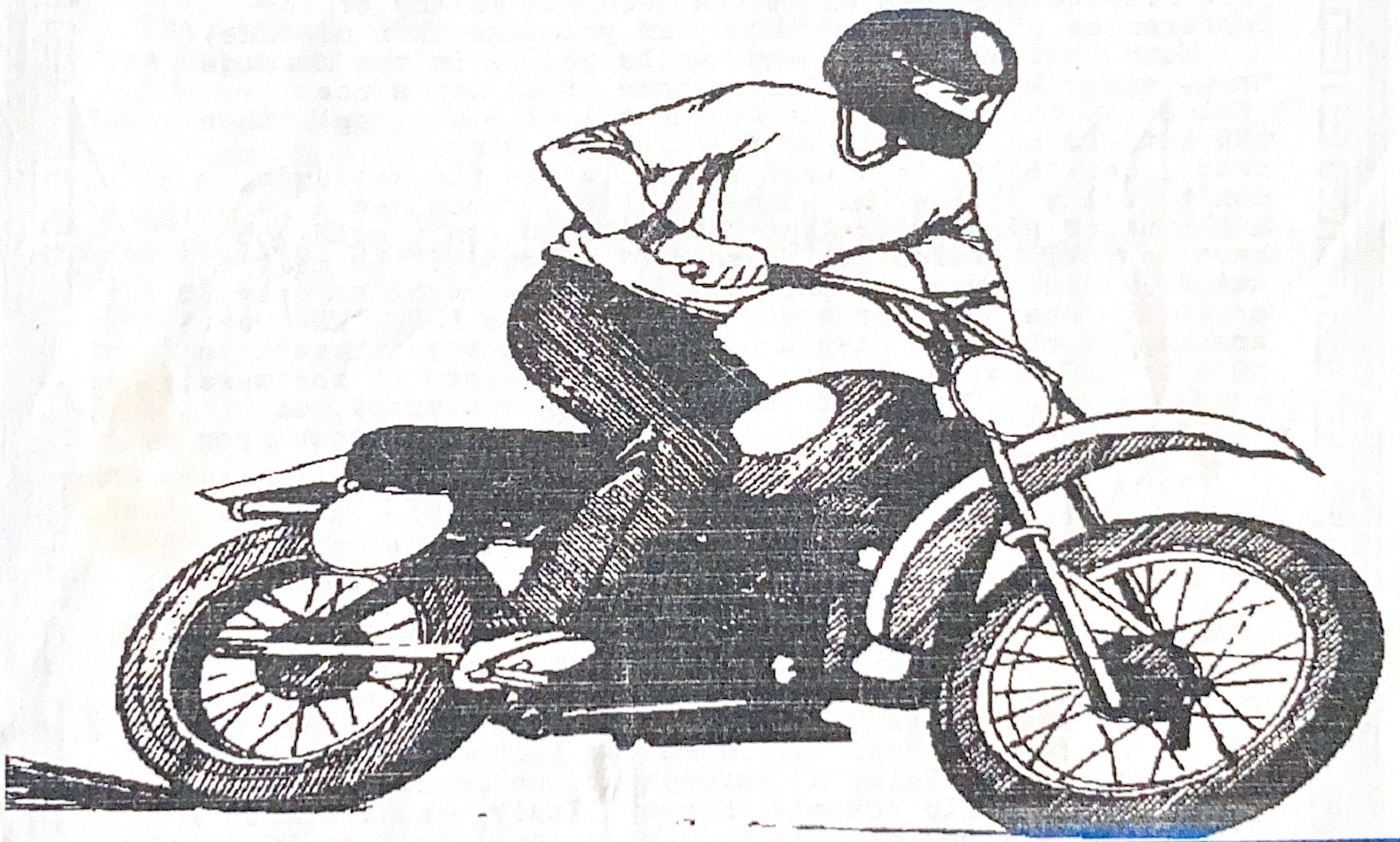


Island CoCo News

Volume: 5 Number: 2



April / May 1990



The Island CoCo Club

Long Island, New York

* For the Tandy Color Computer *

Spring Edition

Published Bi-Monthly

PC BBS

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Welcome to the second issue of 1990! There's been quite a stirr going on in PC BBS's CoCo Conference's echo mail. Third party "CoCo 4's", with many new features that supports OS9 LII, and RSDOS.....including a newer enhanced version of OS9 LII!

For those, who are having some problems reading the CoCo Conference mail, hopefully, I can clear them up. When you enter the Message Menu, you can "open" or "close" message folders, depending on your wants and needs. There are quite a few conferences online now, plus a bulletin explaining them. Most CoCo Club Members can read (or open) folders;

- [A] - General Mail (LOCAL)
- [B] - CoCo Mail (LOCAL)
- [C] - Island CoCo Club Mail (LOCAL)
- [E] - CoCo Conference (Echo)

A & B is used for PC BBS's local mail (not Echo'd out) and private messages. C is for Island CoCo Club Members (up to date) ONLY, Local & Private Mail. When you read & save into E, CoCo Conference, Private Mail is not allowed (as all private mail can be read by ALL Sysops in the RelayNet System), as with ANSI types of graphics. Try not to save your Private Messages or Return Receipts in any of the conferences (I'll let you know, if you make that mistake)!

With that out of the way, while you're in the Message Menu, enter R for read, S for since or S! for since (folder by folder...all of A, the all of B & so on), then the letters of the folders in which you want to read....ex: ABCE. It's that easy....since the messages don't really follow the numbers, just because there is a high number since your last READ, that doesn't mean you have several hundred or thousand of messages. The mail numbering is scattered thru-out, so there might be only 30 or 40 new messages for you in the folders; ABCE. The rest are in the others that you might not have any interest in, such as R/C Models, Comics, Ad Lib, IBM types of software, Hard Drive, WILDCAT!, etc etc. So don't get upset, if there seems to be hundreds upon hundreds of messages from your last logon.

Many of our CoCo Users are taking advantage of the CoCo Conference... for those who are interested in OS9, there is Mike Guzzi, who programmed his own OS9 BBS program & selling it thru Second City, and is willing to help (plus promote OS9). Hopefully, Mike will write a couple of articles for the Island CoCo News on OS9. He also has an inside track to the new third party CoCo 4's. The Moderator of the Conference is Nancy Ward, so when you log on, leave a message saying hello to her. The best part of the Conference Mail is...when you leave a message, in a few days...it's "Relay'd" throughout the country...and parts of the world (Canada, Norway, Italy, Saudi Arabia & more)..and all you did was to make a local call to PC BBS! By the way, Nancy's in Texas, and Mike is in PA.

I want to THANK Dennis Zobel for his many interesting articles, that he submitted to this issue.... Irving Pereira for filling in for James McDaniel.

Till next time.....

D.K. Lee
Editor/ PC BBS Sysop

The monthly meeting of the Island CoCo Club was held on Mar. 19, 1990 at the Levittown Library. President Gerald Angus called the meeting to order at 7:22 P.M. S. Goldberg was introduced and that he was going to give a OS-9 demo.

The ongoing Club raffle was brought up and that about 75 tickets remain. There are three prizes, a surge protector, Fast Dupe, and a Screen Dump. Both pieces of software are originals with documentation. They will not be awarded until all tickets are sold.

A monitor will be needed for the May meeting as Gerald is bringing his in April. It was also mentioned that any items are welcome for the Newsletter, our editor D.K. Lee can be contacted in reference to this.

Steve Eckers mentioned a battery operated CoCo. This was with an 8" monitor. He stated that he saw in a tech. magazine. A discussion ensued about this and the portable unit that was seen at Rainbowfest.

An upcoming Board Meeting was discussed in reference to the charter/by-laws that are in the works. It was questioned as to the status of them and the method that the general membership would receive them. Vice-President, Gian Polizzi explained what was going on and that there would be a month between receiving and voting on them.

Membership dues were brought up and the status as of the meeting. The members that were due were reminded.

Vince Buccellato mentioned that the meeting should start as stated on the notice. A discussion ensued and a motion was made by Dennis Zobel that the business meeting start at 7:15 P.M. This was seconded by Vince Buccellato and passed by the membership.

The Club's subscription to Rainbow on Disk is coming up for renewal. Steve Eckers made a motion that it be renewed. This was seconded by William Rosenfeld and passed by the membership.

The Club is in need of blank disks and that a show was going to be at Hofstra on April 29. Gian Polizzi made a motion that disks be picked up at the show. This was seconded by Irv. Pereira and passed by the membership.

Steve Goldberg started his demo in OS-9. Due to the fact that we only have a SS drive he was unable to complete it. He then demoed a database program that is self writing after answering questions from another Basic program. The demo was very informative and interesting to all. Dennis Zobel demoed Gantlet II and explained that the boards were made with the editor from the Feb. meeting. He also demoed "To Be Ninja" from Sundog.

Gerald Angus stated that James McDaniel's mother had passed away during the month and that James thanked all for their sympathy. He also stated that James was sick and under Doctors care and that is the reason he was not at the meeting.

The meeting ended at 8:30 P.M.

Irving Pereira

The RAT Graphics File Format

by Dennis Zobel

While writing my program VURAT, which displays RAT pictures, I had to analyze the RAT picture format. The following is my interpretation of the RAT format:

<u>RAT file byte #</u>	<u>Purpose</u>
1,2,3	Unknown (Maybe for animation or RGB/CMP switching.)
4-19	These bytes contain the colors (0-63) for the 16 palette slots.
20 - end of file.	The main body of the file is a combination of bit mapped data and compressed data. The compressed data comes in 3 byte groups. The first byte of the group is always H8C (140 decimal). The second byte tells how many times to repeat the third byte. The third byte is the data byte sent to video ram. The sequence 8C 07 A1 is interpreted as send A1 to video ram 7 times. All data that is not part of a 3 byte compressed data group is interpreted as data sent directly to video ram. As an example, the sequence (in hex): 08 8C 04 05 A0 03 would be sent to video ram as: 08 05 05 05 05 A0 03.

ISLAND COCO CLUB

M B P L V S T S M A D A D S C W M
 C H U D L P I Y U N S D K M R A L R
 A N F C T E R M E G R E P J O E T E
 R E O J C A M E O J N E F O E Q E G
 T C D F E E R M B N R A Y B T U R E
 H K N N D P L A E S P B W L X R T
 U E A J S L G L I R I W O O D S A S
 R R H L C E O R A L T B J H Z H N A
 O S F E L M A N L T D H U S H I O N
 S P I I N D B E R R O D L E F W E N
 E N N N Q J T C I A T I L E N I U S
 N E O A F S W L A B O N V I L L E V
 F S Z D A N E L N L E I B S T E I N
 E L Z C P O L I Z Z I G R E E N E Z
 L O A M R E B R E S F A I L A C S O
 D W M S E R P I C O N Y W D L O G B
 B J P M O G I L B E R T M Y E R S E
 O M G I X L I C C I A R D E L L O L

~~ADAMS~~
~~CASTELLI~~
~~GREENE~~
~~LEE~~
~~MCDANIEL~~
~~PEREIRA~~
~~SERPICO~~
~~TILENIUS~~

~~ANGUS~~
~~DWYER~~
~~HAND~~
~~LEIBSTEIN~~
~~MYERS~~
~~POLIZZI~~
~~SIMONS~~
~~TRAMMELL~~

~~ARNOLD~~
~~ECKERS~~
~~HUSHTON~~
~~LICCIARDELLO~~
~~NEARY~~
~~ROSENFELD~~
~~SPREEN~~
~~WOODS~~

~~BIGEL~~
~~GILBERT~~
~~KENNA~~
~~MAZZONI~~
~~NEWFELD~~
~~SCALIA~~
~~STEGER~~
~~ZOBEL~~

~~BUCCELLATO~~
~~GOLDWYN~~
~~LABONVILLE~~
~~MCARTHUR~~
~~OLSEN~~
~~SERBER~~
~~TERRANO~~

HOOKED ON PROGRAMMING? - OR ARE YOU A PROGRAMMING ADDICT ???
=====

By Don Veith

There are people who love computer programming. Quite a few actually. I am one of them: a programming addict. The number of programming addicts is growing geometrically with the sale of affordable personal computers.

If you are a programming addict, perhaps you have tried to explain yourself to friends and family and found you could not. Maybe you have wondered if your addiction is healthy. The ideas presented here will try to explain what the programming addiction is, why people succumb to it, and what may be learned from this phenomenon.

The symptoms of a programming addict are listed below. THE PROGRAMMING ADDICT:

1. Works Late, On Weekends, And At Home.
2. Thinks Programming Is Fun.
3. Cannot Stop Programming.
4. Suffers A Loss Of Time Sense
5. Uses Tell-tale Phrases (and behavior).
6. Possesses A Distorted Sense Of Values.

Programming addicts will work all evening or weekend forsaking other commitments and people, including their own wife and children. It is nothing for one to lose a sense of time and work all night long going to work with a minimum amount of sleep or none at all. Many people find it rather strange that they view their job as fun. Many of them started programming for fun and ended up realizing people would ACTUALLY PAY MONEY to an individual for doing something they enjoy!

Programming addicts cannot stop programming. When elevated to manager positions, the managing task with its paper work and meetings causes great anguish by reducing the programming time available. The never cured addict actually begs his boss not to remove the terminal, which there now is so little time to utilize, from his office. All work and meeting schedules are banished to the Ozone fringe when one of the manager's programmers states the bug in this program cannot be located. It triggers that old nemesis of a heartache called Programmer's addiction. Removing the victim from the pleasurable task at hand, finding a coding error, may cause withdrawal symptoms and will definitely reduce your life expectancy if not accomplished in an organized and careful manner. Have you ever viewed GODZILLA and GHENGIS KHAN At the same moment. My advice is to avoid this type of confrontation. Hidden monsters may arise suddenly in the most timid Programming Addict when a key train of thought is interrupted. Be assured you WILL BE ADDRESSED in a voice that uses words most people are not aware exist. Additionally, YOU WILL BE REMINDED CONSTANTLY for a very long period of time that your 10 level interruption on his Richter Disturbance Scale, maxed out of course, caused the Addict great delay in the search for that elusive rascal of a program bug. Oh yes, a program bug is invisible, cannot be eliminated with the aid of an exterminator, and causes great anguish until located, removed and summarily executed in a correct manner!!

When the dedicated Programming Addict is on the trail of a program bug, nothing will be allowed to interrupt until it has been located. I MEAN NOTHING!! Many Computer Widows will readily attest to the Quest Fervor which TOTALLY CONSUMES AND CONTROLS her resident Programming Addict. No amount of feminine wile or intrigue can overcome THE SACRED QUEST for that damned program code error. Normal reflexes and awareness of the surrounding habitat and its human accessories go totally unnoticed until the Programming Addict announces with great pomp and ceremony, "THE QUEST HAS ENDED!! I have located the dasterdly devil in my quadrempholenic hystersis zouperdroopper dribblrrrz spritzen haufperpeper's secondary auxiliary standby backup secondhand philiophronicking memory chip's controller sync bit address's register entry point!!!! "

Now, if you can identify that piece of computer equipment, you are an absolute and totally dedicated Programming Addict. Imagine what we sound like while whipping our high tech slang onto each other as the uninitiated and technically droll people look at us like nuts headed for the processing plant? Who ever inferred Programming addicts fit any normal mold of humanity!

All kidding aside, programming does provide an outlet for recognition. What can replace the telephone call or personal conversation with someone who has used a program written by you. The comments, " I am using the program you created and its great." Just the fact that YOUR PROGRAM is being used is a sufficient reward for most of us. Conversations with appreciative users is icing on the cake to provide incentive for further program development effort.

The sense of conquest from controlling a device and making it do mundane and routine tasks is another ego motivator. A unique pleasure may be derived from reducing a large complex multi-faceted problem to a simple task. It does require a sense of dedication to the task at hand to undertake, yet let alone, complete the reduction of a complex task into a simple procedure. A programmer's job is finished when the last modification or revision of their work is completed. The programmer was successful and can look back to review the list of accomplishments represented by software created. Very few things in life provide this clearly defined sense of accomplishment.

The end result (a program) does not justify a Programming Addict's ignoring their complete surroundings. Remember when you start to hassle your resident computer enthusiast, at least you can always locate him although requests, even pleading pleas for attention or assistance, go completely unheeded. His toy is bringing him home each evening. The communication level, if it existed at all, is at a much lower level than intelligent life had believed was ever possible. Besides, if you cannot get your resident Programming Addict's attention, why not join that nut with their Quest Fervor and find out what is so fascinating about computers. Perhaps a future Forth, Pascal, or Assembly Language Programming Addict is lurking in your own subconscious mind. You will never understand the joys AND frustrations of working with a computer until you personally attempt to use the infernal device. Their role and importance in our world today is increasing.

The idea for this article was taken from "Hooked On Programming"; by Allen Watson; which appeared in the March, 1985 issue of The DEC

Reinking of Printer Ribbons by Dennis Zobel

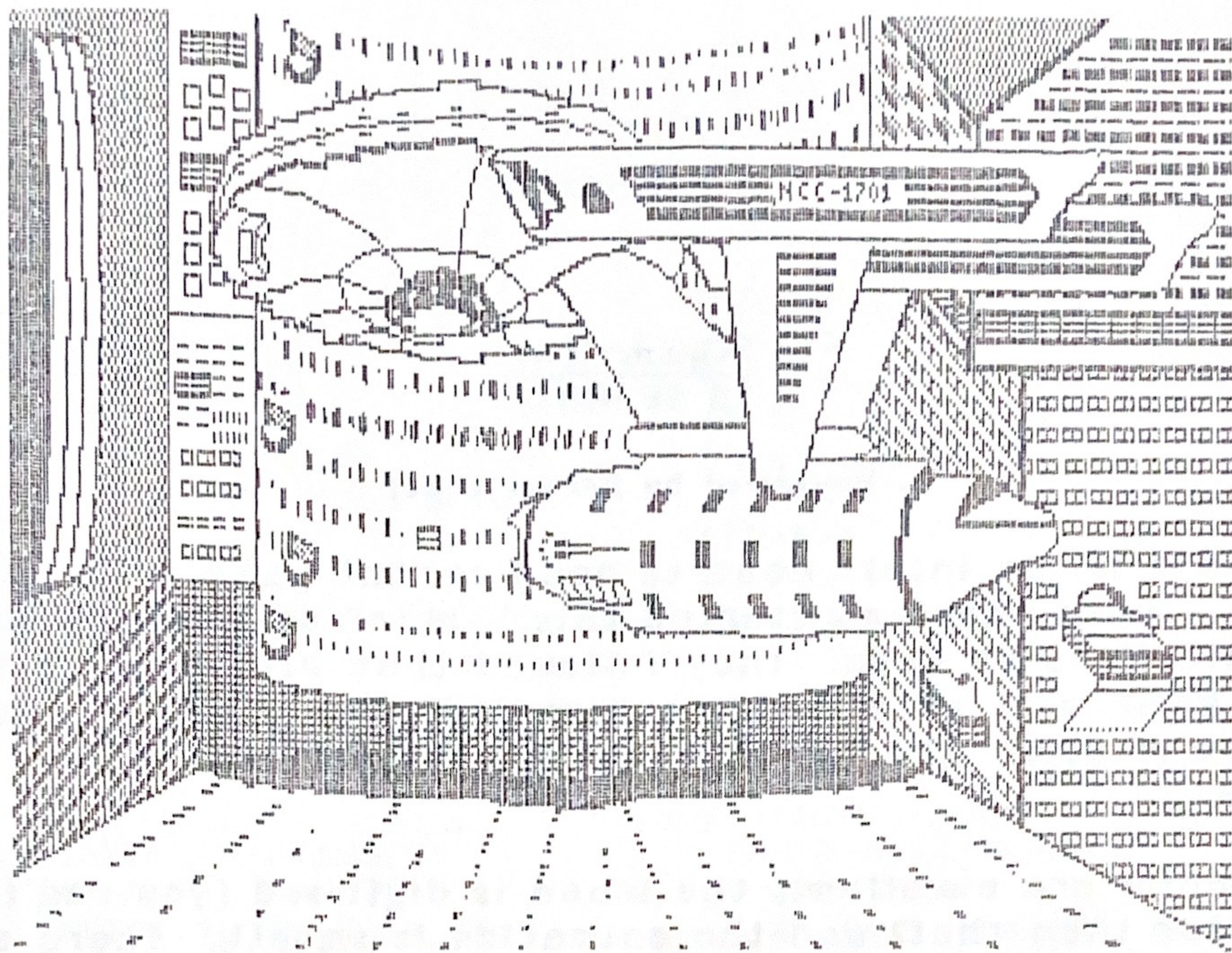
In the last issue I wrote a short article on the *Raven Systems Reinking Kit*. I installed it in an old ribbon cartridge and found the printing to be uneven at first. After printing several pages of text the unevenness went away. I decided to try the reinking kit in a new ribbon cartridge, thinking the results might be better. Before installing the kit in the new ribbon cartridge I compared the printing quality with that of my old ribbon with the kit installed. To my amazement I could not tell the difference between the text printed with the new ribbon and that printed with the old ribbon. The new ribbon is back in the box. Who needs it. The old ribbon prints like a new ribbon just out of the box.

I have since installed the reinker into a printer at work with excellent results also. For more information write for a price list from:

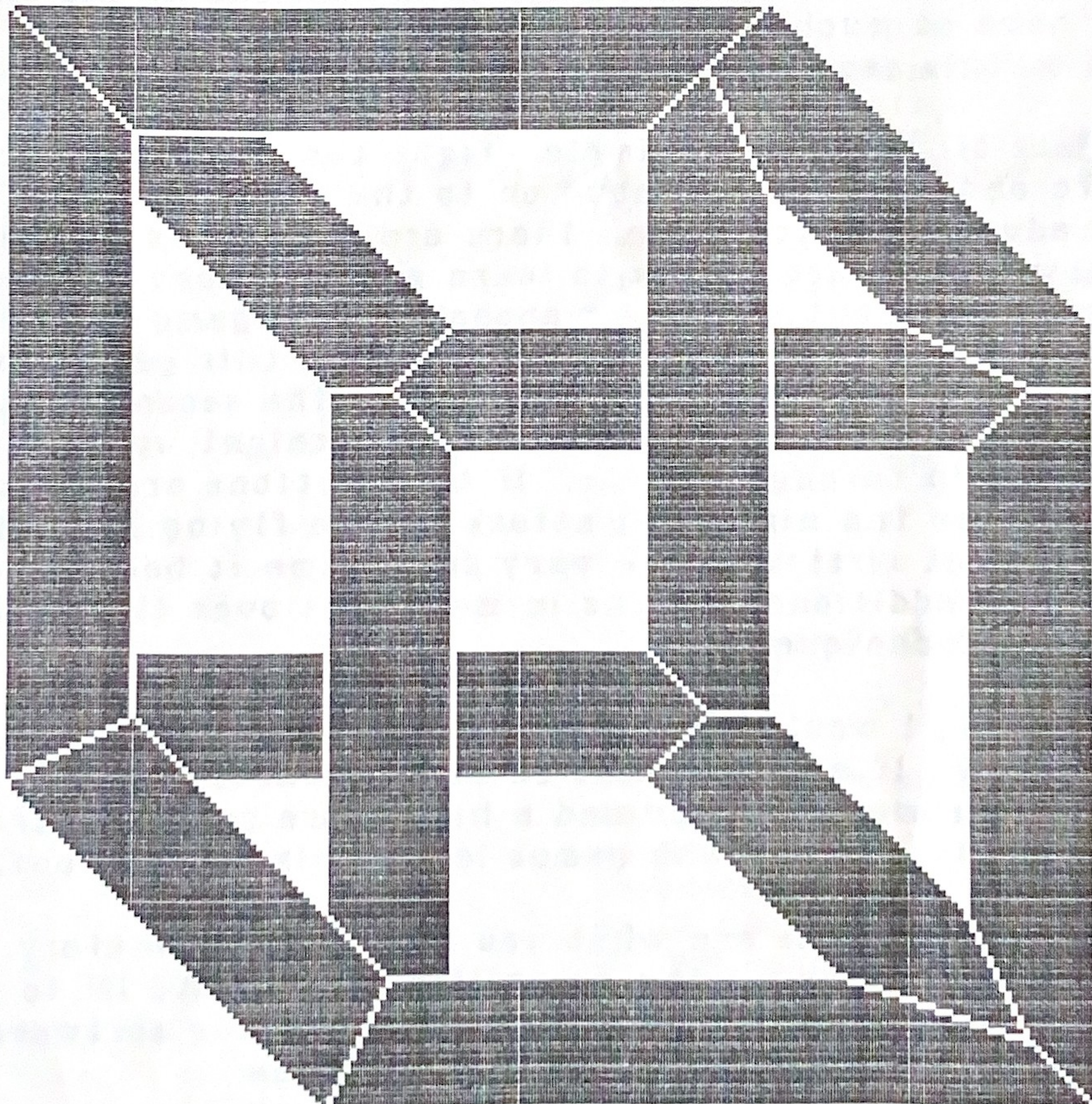
Raven Systems of Oakland

P.O. Box 253

Franklin Lakes, New Jersey 07471



The "Enterprise" in Stellar Base Gyrrret



Kyum-Gai
TO BE NINJA

Reviewed by Dennis Zobel

TO BE NINJA is the latest hand to hand combat game from Sundog Systems. Sundog Systems started this type of animated graphics game with Kung-Fu Dude. They followed that with Warrior King, a COCO III game with excellent graphics and game play. If you like this type of game, then To Be Ninja will probably be your favorite.

The graphics are excellent, the sound is digitized (you can't get any better than that) and the animation is smooth. There are too many games that become forgotten after a few days of playing them. This is not one of them. My son received this game for Christmas and three months latter it is still one of his favorites. I don't have as much time to play video games as he does but when I do this game is one of my top choices.

The object of the game is simple. Fight the enemy, collect the treasure and weapons and move on to the the next level. This is not an adventure type game. There are no puzzles to solve as far as I know. There are things to learn and decisions to make as the game progresses but the major appeal of this game is the action. It is best to use a two button joystick with this game. The first button is used for punching and kicking. The second button is used for jumping. Jumping can be done straight up or down or as a forward flip through the air. If both buttons are pressed at the same time the ninja will attack with a flying kick. It seems complicated at first but in a very short time it becomes easy and it does give additional options in movement over the more common one button technique.

The one thing I would like to see added to this game is a top score save feature. If a game comes on disk, it should be easy enough for the programmer to provided a high score save feature. Unfortunately many of the games leave this feature out.

If martial arts games are what you like then definately get this one. This game uses all the capability of the COCO III to the maximum. If Sundog Systems can keep producing software as good as this they should be around for a long time.

FINDWORD.BAS

```

1 CLS
2 PRINT @ 234,"SEARCH"
3 FOR I=1 TO 1500:NEXT I
4 CLS
5 INPUT"INSTRUCTIONS";I$
6 IF LEFT$(I$,1)="Y" THEN GOSUB
186
7 CLS
8 PRINT"ENTER THE NUMBER OF COLU
MNS"
9 INPUT C
10 PRINT"ENTER THE NUMBER OF ROW
S"
11 INPUT R
12 PRINT"PUZZLE TO PRINTER"
13 INPUT I$
14 IF LEFT$(I$,1)="Y" THEN T9=1
ELSE T9=0
15 PRINT"ENTER THE NUMBER OF WOR
DS TO":PRINT"FIND"
16 INPUT N
17 REM INITIALIZE
18 DIM L$(C,R)
19 DIM W$(N)
20 DIM A$(26)
21 A$(1)="A"
22 A$(2)="B"
23 A$(3)="C"
24 A$(4)="D"
25 A$(5)="E"
26 A$(6)="F"
27 A$(7)="G"
28 A$(8)="H"
29 A$(9)="I"
30 A$(10)="J"
31 A$(11)="K"
32 A$(12)="L"
33 A$(13)="M"
34 A$(14)="N"
35 A$(15)="O"
36 A$(16)="P"
37 A$(17)="Q"
38 A$(18)="R"
39 A$(19)="S"
40 A$(20)="T"
41 A$(21)="U"
42 A$(22)="V"
43 A$(23)="W"
44 A$(24)="X"
45 A$(25)="Y"
46 A$(26)="Z"
47 Y=0
48 FOR I=1 TO C
49 FOR J=1 TO R
50 L$(I,J)="."
51 NEXT J
52 NEXT I
53 FOR K=1 TO N
54 PRINT"ENTER WORD"
55 INPUT W$(K)
56 GOSUB 82
57 NEXT K
58 PRINT"I'LL SHOW YOU WHERE I'V
E":PRINT"HIDDEN THE WORDS IF YOU
SAY":PRINT"PLEASE"
59 INPUT G$
60 IF G$<>"PLEASE" THEN 62
61 CLS:GOSUB 72
62 GOSUB 161
63 PRINT
64 PRINT
65 GOSUB 72
66 IF T9<>1 THEN GOSUB 178
67 REM TERMINATION
68 PRINT"ANOTHER";:INPUT I$
69 IF LEFT$(I$,1)="Y" THEN CLS:R
UN
70 END
71 REM puzzle print routine
72 FOR J=1 TO R
73 FOR I=1 TO C
74 IF T9=1 THEN PRINT#-2,L$(I,J)
;" ";
75 IF T9<>1 THEN PRINTL$(I,J);"
";
76 NEXT I
77 IF T9=1 THEN PRINT#-2,CHR$(10
)
78 IF T9<>1 THEN PRINT
79 NEXT J
80 FOR LE=1 TO 1500:NEXT LE
81 RETURN
82 REM word breakdown routine
83 REM
84 REM
85 L0=LEN(W$(K))
86 IF L0>=C OR L0>=R THEN 90
87 REM randaom selection of dire
ction
88 T=1

```


FINDWORD.BAS

```

89 IF T<100 THEN 92
90 PRINT:PRINT"i couldn't fit th
at word in":PRINT"sorry try anot
her":PRINT
91 K=K-1:RETURN
92 P=1
93 P0=1
94 Q=-1
95 IF RND(Y)<=.5 THEN 97
96 Q=1
97 Q0=-1
98 IF RND(Y)<=.5 THEN 100
99 Q0=1
100 D=2
101 IF Q<>1 THEN 103
102 P=0
103 IF Q0<>1 THEN 105
104 P0=0
105 IF RND(Y)<.75 THEN 107
106 D=1
107 IF RND(Y)>.25 THEN 109
108 D=0
109 REM random selection of star
t point
110 C0=C
111 R0=R
112 IF D<>1 THEN 114
113 R0=R-L0
114 IF D<>0 THEN 116
115 C0=C-L0
116 IF D<=1 THEN 119
117 R0=R-L0
118 C0=C-L0
119 IF C0<>C THEN 121
120 P0=0
121 IF R0<>R THEN 123
122 P=0
123 Z1=(RND(Y)*R0/100+.01)*100+P
*L0
124 Z2=(RND(Y)*C0/100+.01)*100+P
0*L0
125 X1=INT(Z1)
126 X2=INT(Z2)
127 REM entry of word in the puz
zle
128 IF D=1 THEN 150
129 IF D=0 THEN 140
130 FOR I=1 TO L0
131 IF L$(X2+(I-1)*Q0,X1+(I-1)*Q
)= "." THEN 133
132 IF L$(X2+(I-1)*Q0,X1+(I-1)*Q
)<>MID$(W$(K),I,1) THEN 87
133 NEXT I
134 T=0
135 FOR I=1 TO L0-1
136 L$(X2+I*Q0,X1+I*Q)=MID$(W$(K
),I+1,1)
137 NEXT I
138 L$(X2,X1)=MID$(W$(K),1,1)
139 GOTO 159
140 FOR I=1 TO L0
141 IF L$(X2+(I-1)*Q0,X1)="." TH
EN 143
142 IF L$(X2+(I-1)*Q0,X1)<>MID$(
W$(K),I,1) THEN 87
143 NEXT I
144 T=0
145 FOR I=1 TO L0-1
146 L$(X2+I*Q0,X1)=MID$(W$(K),I+
1,1)
147 NEXT I
148 L$(X2,X1)=MID$(W$(K),1,1)
149 GOTO 159
150 FOR I=1 TO L0
151 IF L$(X2,X1+(I-1)*Q)="." THE
N 153
152 IF L$(X2,X1+(I-1)*Q)<>MID$(W
$(K),I,1) THEN 87
153 NEXT I
154 T=0
155 FOR I=1 TO L0-1
156 L$(X2,X1+I*Q)=MID$(W$(K),I+1
,1)
157 NEXT I
158 L$(X2,X1)=MID$(W$(K),1,1)
159 RETURN
160 REM fill of remaining positi
ons
161 FOR I=1 TO C
162 FOR J=1 TO R
163 IF L$(I,J)<> "." THEN 166
164 Z1=(RND(Y)*.26+.01)*100
165 L$(I,J)=A$(INT(Z1))
166 NEXT J
167 NEXT I
168 REM print of the words to fi
nd"
169 IF T9=1 THEN PRINT#-2,CHR$(1
0);CHR$(13)
170 IF T9<>1 THEN PRINT

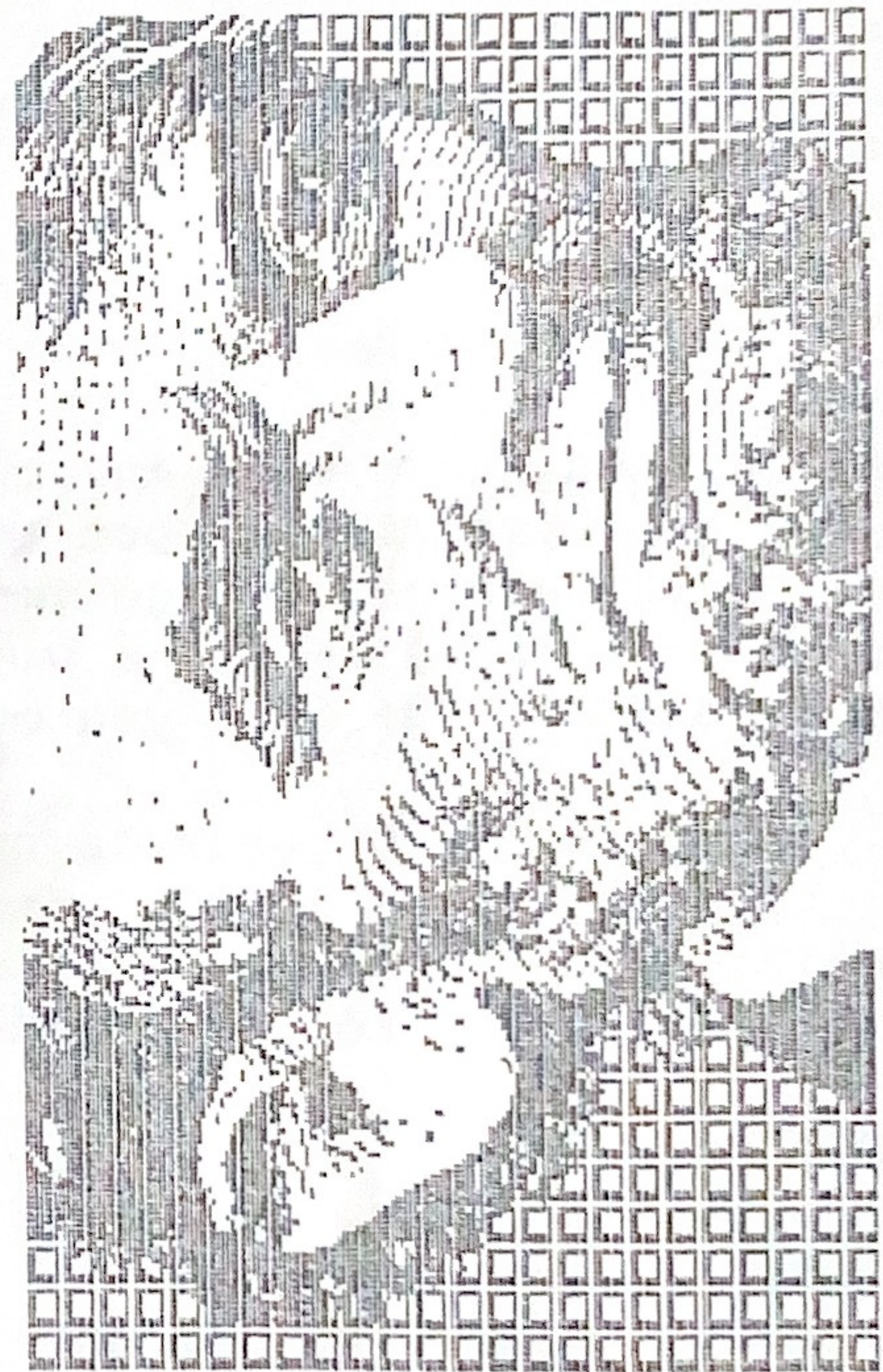
```


FINDWORD.BAS

```

171 IF T9=1 THEN PRINT#-2,"          NUE";ZX$:RETURN
WORD LIST ";CHR$(10)
172 IF T9<>1 THEN PRINT"      WORD
LIST"
173 FOR K=1 TO N
174 IF T9=1 THEN PRINT#-2,W$(K);
CHR$(10)
175 IF T9<>1 THEN PRINT W$(K)
176 NEXT K
177 RETURN
178 PRINT@480,"c>";:LINE INPUT I
$
179 I$=LEFT$(I$,2)
180 IF I$="QU" THEN RETURN
181 IF I$="PU" THEN CLS:GOSUB 7
2
182 IF I$="WO" THEN CLS:GOSUB 16
9
183 IF I$="ON" THEN T9=1
184 IF I$="OF" THEN T9=0
185 GOTO 178
186 PRINT:PRINT"THIS PROGRAM GEN
ERATES WORD":PRINT"SEARCH PUZZLE
S AUTOMATICALLY."
187 PRINT"THE PROGRAM PROMPTS TH
E USER":PRINT"FOR THE SIZE OF TH
E PUZZLE,":PRINT"NUMBER OF WORDS
AND THE ACTUAL":PRINT"WORDS. TH
E PROGRAM ALSO PROMPTS"
188 PRINT"FOR WHETHER OR NOT A P
RINTER IS":PRINT"DESIRED."
189 GOSUB198
190 CLS:PRINT"IF THE USER ANSWER
S 'NO',":PRINT"UPON COMPELETION
OF THE PUZZLE":PRINT"GENERATION,
A c> PROMPT WILL BE":PRINT"ISSUS
ED, AT THIS POINT VALID"
191 PRINT"COMMANDS ARE:"
192 PRINT"QUIT      USER IS FINISH
ED"
193 PRINT"WORD      USER WANTS WOR
D LIST"
194 PRINT"PUZZLE    SHOW PUZZLE AG
AIN"
195 PRINT"ON        LIST ON PRINTE
R"
196 PRINT"OFF      LIST ON DISPLA
Y":GOSUB198
197 CLS:RETURN
198 INPUT"PRESS ANY KEY TO CONTI

```



THE UPGRADE FROM:
MID IOWA COCO

Home-Pac Tips*

Number three in a series

by Terry Simons

There are always a number of ways discovered, little tricks so to speak, that will enhance use of your HPac. This series is intended to share these tips with the many who've found Home-Pac makes your CoCo a very useful addition to your nome.

May I remind all CoCo Supporters, Home-Pac is available in a shareware form for only \$2.00. The Shareware version 3.3 is fully functional; with nothing held back. Those who join the many, who find Home-Pac very worthwhile; are asked to pay the Shareware support price of \$18.00. The contemplated vers 3.4 will be given out to supporters only for \$5.00 and your original Home-Pac disk.

Home Pac 3.4 is ready!

The initial improvements were small correcting incongruencies. Boot menu loaded Check with "1" all others loaded the Check with "A". No real change; just cleaning up. Second: all printouts now print totals and are more compete data wise. Third: I did add to the Check Name Macro's they now total 21. Last but not least! I got into adding some real PIZZAZ! Many of the sub-menu's are now done in a "window" in the main menu. Perhaps most importantly; there will be "no" need to reconfigure anything! All of these improvements have increased the upgrade price from \$3.00 to \$5.00

Business Pac 3.4 is ready!

With Business Pac, your Check program will first save your check records then, auto save any business records with a preselected CATegory to the Business file. Upon entering the "Business Master" "if" there are added records; you go immediately to the edit mode. Where you will add the new CATegory and a wild card sort if you wish.

Business Pac \$35.00 + you must own or buy Home-Pac (\$18.00)

To recieve your upgrade bring (or mail) your original Pac disk to a meet with \$5.00. Shipping free. OR mail To Terry Simons

NOTE: Home-pac 3.4 is "not Shareware". Please keep a Home-Pac 3.3 copy for passing to who ever would like one.

PAC Question:

How do I enter automatic checks into Fast Check; since they don't have a number?

Answer: Easy,,, for any checking account charge that doesn't have a number enter "BCD" (Bankcard). Primarily this is for Automatic Teller machines, and grocery stores, etc. that use your bankcard. But it may be used for service charges, buying checks, etc or any check without a number.

Also you may if you wish enter a check number with an A, B, C in the end (2761B) if you wish. However the auto-incrementing of you check numbers will still add one to that value. i.e. next check ## will be 2762.

And in the 3 Edit search, All letters are given a value of zero. As you may have noticed, in a search for BCD the first set of letters found will come up; whether it is BCD or MCD. Just press (S)earch more, and

* Island CoCo Club - Phone Roster: April/May, 1990 *

(Area code is 516 unless otherwise noted)

NAME	PHONE	LOCATION	INTERESTS
Gerald Angus	935-3511	Levittown	Club Pres., CoCo3, OS9II
Roy Arnold Jr.	203-633-6662	Connecticut	OFA Member
Larry Bigel	795-3035	Massapequa	ML, Sounds, Graphics
Vince Buccellato	242-5240	Deer Park	Ham Radio
Joe Castelli	783-7506	Bellmore	Founder. J&R Micro Computer
Patrick Dwyer	282-2575	Upton	CoCo3, Pen Pal East
Mrs. Susan Eckers	368-0836	E. Northport	VIP, Graphics
- Steve Gilbert	867-6096	Freeport	CoCo3, OS9II HD
Ira Goldwyn	482-3049	Great Neck	Graphics, BBS'n
Joel Greene	692-5242	Huntington	WP, Graphics, Adv
George Hand	271-1268	Huntington	Utilities
Ronald Hand	271-1268	Huntington	Utilities
Ryan Hushion	798-7119	Massapequa	Games, Adventures
Chris Kenna	654-8626	Patchoque	Games, Adventures
Helene LaBonville	603-472-3369	Bedford, NH	OFA Member
D.K. Lee	795-5874	Massapequa	PC BBS Sysop, Editor
- Sandy Leibstein	536-0617	Oceanside	Programing, Games
Gabe Licciardello	289-6212	Patchoque	CoCo3
Richard Mazzoni	718-373-1627	Brooklyn	OFA Member, CoCo2
Thomas McArthur		Lindenhurst	CoCo 3, Programing
James McDaniel	718-493-0950	Brooklyn	Club Sec, OS9II HD
Dave Myers	313-481-3283	Michigan	CoCoPRO! Pres
- Dennis Neary	326-9021	Elmont	Games, Adventure
Stewart Newfeld	718-296-2385	Woodhaven	Zebra Pro. Pres.
= Bob Olsen	546-8288	Merrick	CoCo 3, Symphony
4/30 - Irving Pereira	868-4696	Baldwin	Librarian, Rainbowfest
- Pat Pereira	868-4696	Baldwin	Club Treasurer
Gian Polizzi	794-4906	E. Meadow	V. Pres. Music, Graphics
William Rosenfeld	621-2292	Roslyn Hts.	Graphics, CoCo3
Joe Scalia	694-2219	Farmingdale	CoCo 3
Leo Serber	586-1718	Deer Park	CoCo 3, Utilities
Dean Serpico	794-2156	East Meadow	Pascal
Terry Simons	515-279-2576	Des Moines	Mid-Iowa CoCo, PC BBS west
Richard Spreen	334-2273	Westbury	
Ray Steger	488-7272	Floral Park	Programs
Robert Terrano		New Hyde Park	Adventures, Games
Eric Tilenius	271-8456	Huntington	Color Venture Pres, CoCo3
Michael Trammell		N.Y.C.	CoCo 3, Graphics, Co-Sysop
Jim Woods	623-5696	N. Merrick	CoCo 3
Dennis Zobel	698-6197	Centereach	CoCo 3, RAT Viewer, Gms

What are your interests?? Tell us at: Club Roster/Island CoCo Club
P.O. Box 426, Massapequa Park, New York 11762, and we'll put your
interests next to your name.

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NJ area BBS: RCIS (201)967-1061 3/12/2400 bauds 24hrs 8/N/1

Item: # BOOK # BASIC09 Tour Guide
Distributor: RS CoCo: 2 3
Notes:
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$8.00
Stock # : BK-100 Shipping: \$2.00

Item: # BOOK # Rainbow Guide to OS-9 lv. II
Distributor: RS CoCo: 3
Notes:
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$10.00
Stock # : T-004 Shipping: \$2.00.

Item: # BOOK # Basic Microprocessors and the 6800
Distributor: Motorola CoCo: 1 2 3
Notes: dig into the 6800 series (including 6809!)
Orig. Price: \$12.90 CoCoPRO! Price: -----> \$4.00
Stock # : M-344 Shipping: \$2.00

Item: # BOOK # Your Color Computer
Distributor: by Mosher CoCo: 1 2 3
Notes: lots of info, history of CoCo, etc.
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$5.00
Stock # : M-499 Shipping: \$2.00

Item: # BOOK # CoCo Assembly Language Prgrmg (Barden)
Distributor: RS CoCo: 1 2 3
Notes:
Orig. Price: \$9.95? CoCoPRO! Price: -----> \$5.00
Stock # : T-963 Shipping: \$2.00

Item: # CABLES # 25-pin to 25-pin modem cable
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: for use with RS-232 pak
Orig. Price: \$14.95 CoCoPRO! Price: -----> \$8.00
Stock # : H-113 Shipping: \$1.00

Item: # BOOK # Disk Basic Unravelled
Distributor: Microcom CoCo: 1 2 3
Notes: VALUABLE info about Disk Basic 1.0 and 1.1
Orig. Price: 16.95 CoCoPRO! Price: -----> \$10.00
Stock # : T-500 Shipping: \$1.50

Item: # CABLES # CoCo 4-pin to 25-pin modem cable
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: plug and run
Orig. Price: \$14.95 CoCoPRO! Price: -----> \$8.00
Stock # : CO-112 Shipping: \$1.00

(I)

Item: # BOOK # Microprocessor Programming Manual
Distributor: Motorola CoCo: 1 2 3
Notes: get inside the 6809 and others
Orig. Price: \$?? CoCoPRO! Price: -----> \$10.00
Stock # : M-074 Shipping: \$2.00

Item: # CABLES # Joystick Extension cable (9-ft)
Distributor: CoCo: 1 2 3
Notes: lean back and enjoy the game!
Orig. Price: \$14.95 CoCoPRO! Price: -----> \$8.00
Stock # : H-111 Shipping: \$1.00

Item: # BOOK # Programming the 6809
Distributor: Sybex CoCo: 1 2 3
Notes: covers the 6809 inside and out!
Orig. Price: \$14.95 CoCoPRO! Price: -----> \$6.00
Stock # : M-666 Shipping: \$3.00

Item: # CABLES # Keyboard Extension cable
Distributor: CoCoPRO! CoCo: 2 3
Notes: set up an extended keyboard...sit back and RELAX!!
Orig. Price: \$NEW CoCoPRO! Price: -----> \$19.00
Stock # : CO-555 Shipping: \$1.00

Item: # BOOK # Rainbow 2nd book of Adventures (w/cassette)
Distributor: Falsoft CoCo: 1 2 3
Notes:
Orig. Price: \$18.00 CoCoPRO! Price: -----> \$8.00
Stock # : T-500 Shipping: \$2.00

Item: # CABLES # Magnavox BCM515 to CoCo-3 cable
Distributor: CoCoPRO! CoCo: 3
Notes: 3-foot cable
Orig. Price: \$20 CoCoPRO! Price: -----> \$10.00
Stock # : CO-002 Shipping: \$1.00

Item: # BOOK # Rainbow Guide to OS-9 (lv 1)
Distributor: RS CoCo: 2 3
Notes:
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$8.00
Stock # : T-006 Shipping: \$2.00

Item: # CABLES # Monitor Extension cable for CM-8 or 515
Distributor: CoCoPRO! CoCo: 3
Notes: 7-foot extender for Tandy or Magnavox monitor
Orig. Price: \$20 CoCoPRO! Price: -----> \$10.00
Stock # : CO-004 Shipping: \$1.00

Item: # CABLES # RFI-eliminating monitor cable
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: for compos. or mono..ferrite torus inline
Orig. Price: \$ CoCoPRO! Price: -----> \$8.00
Stock #: H-4545 Shipping: \$1.00

X Item: #HARDWARE# 80-track full-ht floppy drive (bare)
Distributor: CoCo: 2 3
Notes: req. ADOS or OS-9 to access. Increase storage!
Orig. Price: \$150+ CoCoPRO! Price: -----> \$35
Stock #: S-474 Shipping: \$4.00

Item: # CABLES # Serial Extension cable
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: 4-pin to 4-pin.....8 ft.
Orig. Price: \$14.95 CoCoPRO! Price: -----> \$8.00
Stock #: H-106 Shipping: \$1.00

Item: #HARDWARE# B & B XT-RTC harddisk interface w/XT-ROM
Distributor: Burke & Burke CoCo: 3
Notes: real-time clock, and OS-9 auto-boot ROM included!
Orig. Price: \$119.90 CoCoPRO! Price: -----> \$70.00
Stock #: SH-021 Shipping: \$3.00

Item: # CABLES # Y-cable
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: run 2 devices without a Multipak! GOLD-edge connect.
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$15.00
Stock #: CO-017 Shipping: \$1.00

Item: #HARDWARE# CGP-220 Color printer
Distributor: Tandy CoCo: 1 2 3
Notes: NICE color printer, great shape, extra color pak
Orig. Price: \$700+ CoCoPRO! Price: -----> \$190.00
Stock #: S-500 Shipping: \$7.00

Item: # SWITCHBOX # 2-way serial switcher
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: well-constructed box--switch printer and modem
Orig. Price: NEW CoCoPRO! Price: -----> \$20
Stock #: CP-002 Shipping: \$2.00

Item: #HARDWARE# CM-8 RGB Monitor
Distributor: Tandy CoCo: 3
Notes: nice shape!
Orig. Price: \$299 CoCoPRO! Price: -----> \$139
Stock #: S-923 Shipping: \$10.00

(2)
Item: # SWITCHBOX # 3-way serial switcher
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: quit plugging and unplugging modems/printers!
Orig. Price: NEW CoCoPRO! Price: -----> \$25.00
Stock #: CP-001 Shipping: \$2.00

Item: #HARDWARE# CoCo-1 (64k)
Distributor: Tandy CoCo:
Notes: GREAT shape...the granddaddy of us all!
Orig. Price: \$600+ CoCoPRO! Price: -----> \$30
Stock #: K-740 Shipping: \$6.00

X Item: #HARDWARE# 10-Meg harddisk system
Distributor: Megadisk, Miniscribe CoCo: 2 3
Notes: complete system!
Orig. Price: \$700+ CoCoPRO! Price: -----> \$150
Stock #: T-2002 Shipping: \$8.00

Item: #HARDWARE# CoCo-2 (16k)
Distributor: RS CoCo:
Notes: good shape
Orig. Price: \$199+ CoCoPRO! Price: -----> \$15.00
Stock #: K-102 Shipping: \$4.00

Item: #HARDWARE# 3-1/2" floppy drive (beige)
Distributor: TEAC CoCo: 2 3
Notes: req. ADOS or OS-9 to use...720k, great shape!
Orig. Price: \$100+ CoCoPRO! Price: -----> \$35
Stock #: Q-992 Shipping: \$4.00

Item: #HARDWARE# CoCo-2 (64k)
Distributor: RS CoCo:
Notes: GREAT shape!
Orig. Price: \$199+ CoCoPRO! Price: -----> \$35.00
Stock #: K-001 Shipping: \$4.00

X Item: #HARDWARE# 512k CoCo-3
Distributor: RS CoCo:
Notes: great shape!
Orig. Price: \$350+ CoCoPRO! Price: -----> \$140.00
Stock #: S-004 Shipping: \$7.00

Item: #HARDWARE# CoCo-2 w/monitor driver
Distributor: RS CoCo:
Notes: 64k, great shape!
Orig. Price: \$100+ CoCoPRO! Price: -----> \$45.00
Stock #: D-101 Shipping: \$4.00

Item: #HARDWARE# CoCo-3 Keyboard
Distributor: RS CoCo: 3
Notes: bare keyboard...new.
Orig. Price: \$24.95 CoCoPRO! Price: -----> \$15.00
Stock #: CO-925 Shipping: \$2.00

Item: #HARDWARE# Disto RS-232 pak w/cable
Distributor: Disto CoCo: 1 2 3
Notes: HIGH-QUALITY replacement for the Tandy pak
Orig. Price: \$55.00 CoCoPRO! Price: -----> \$35.00
Stock #: O-001 Shipping: \$2.00

Item: #HARDWARE# CoCo-3 case with keyboard
Distributor: RS CoCo:
Notes: blank case & kybd...makes GREAT extended keyboard!
Orig. Price: \$55.00 CoCoPRO! Price: -----> \$25.00
Stock #: D-101 Shipping: \$3.00

Item: #HARDWARE# Disto RTC & Parallel Printer card
Distributor: Disto CoCo: 1 2 3
Notes: req. Super Controller or MEB. Adds Real-time clock +
Orig. Price: \$34.95 CoCoPRO! Price: -----> \$15.00
Stock #: Q-399 Shipping: \$2.00

Item: #HARDWARE# DMP-130 printer
Distributor: Tandy CoCo: 1 2 3
Notes: ser. or par. interface...120+cps, many features!
Orig. Price: \$350+ CoCoPRO! Price: -----> \$125
Stock #: U-001 Shipping: \$8.00

Item: #HARDWARE# Disto Super Controller I w/RTC & ParPort
Distributor: Disto CoCo: 1 2 3
Notes: run up to 4 DOS's! Also includes clock & parallelport
Orig. Price: \$135 CoCoPRO! Price: -----> \$70
Stock #: W-001 Shipping: \$3.00

Item: #HARDWARE# DS Disk drive system w/contrlr (Full-ht)
Distributor: J & M CoCo: 1 2 3
Notes: complete double-sided system!!
Orig. Price: \$250+ CoCoPRO! Price: -----> \$120
Stock #: N-012 Shipping: \$6.00

Item: #HARDWARE# Double Driver
Distributor: Moreton Bay CoCo: 1 2
Notes: run either color (composite) or mono monitor!!
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$19.00
Stock #: R-011 Shipping: \$1.50

Item: #HARDWARE# DS-69 Digitizer
Distributor: Micro Works CoCo: 2 3
Notes: fine shape
Orig. Price: \$99.95 CoCoPRO! Price: -----> \$50.00
Stock #: W-458 Shipping: \$3.00

Item: #HARDWARE# Double disk drive
Distributor: DEC CoCo: 1 2 3
Notes: 2 full-height SS drives w/case & 300W power supply
Orig. Price: \$300+ CoCoPRO! Price: -----> \$110
Stock #: W-112 Shipping: \$6.00

Item: #HARDWARE# DS-69B Video Digitizer
Distributor: Micro Works CoCo: 3
Notes: digitize pix from camera or VCR...nice!
Orig. Price: \$149.95 CoCoPRO! Price: -----> \$75.00
Stock #: W-239 Shipping: \$3.00

Item: #HARDWARE# Extended Keyboard Kit
Distributor: CoCoPRO! CoCo: 2 3
Notes: case, cable, and keyboard...5-min solderless install.
Orig. Price: \$NEW CoCoPRO! Price: -----> \$40.00
Stock #: C-834 Shipping: \$3.00

Item: #HARDWARE# DSDD 5-1/4" 360k disk drive (bare)
Distributor: TEAC CoCo: 1 2 3
Notes: half-height, double sided...FINE shape!
Orig. Price: \$150+ CoCoPRO! Price: -----> \$45.00
Stock #: Q-858 Shipping: \$3.00

Item: #HARDWARE# HJL Numberjack (numeric keypad)
Distributor: HJL CoCo: 2 3
Notes: NEW in box...solderless installation
Orig. Price: \$79.95 CoCoPRO! Price: -----> \$30.00
Stock #: HW-011 Shipping: \$3.00

Item: #HARDWARE# Disto Hard Disk Interface
Distributor: Disto CoCo: 3
Notes: req. Disto Sup. Controller or MEB
Orig. Price: \$40.00 CoCoPRO! Price: -----> \$20.00
Stock #: HW-007 Shipping: \$3.00

Item: #HARDWARE# Hi-res Joystick interface
Distributor: Tandy CoCo: 1 2 3
Notes: required for many programs (Max-10, Colormax, etc)
Orig. Price: \$10.00 CoCoPRO! Price: -----> \$5.00
Stock #: N-011 Shipping: \$1.00

3

Item: #HARDWARE# IBM-XT-type cases w/135w power supply
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: put your CoCo rig in an IBM-type case! BEST price!!
Orig. Price: \$149 CoCoPRO! Price: -----> \$69.00
Stock #: HW-001 Shipping: \$8.00

Item: #HARDWARE# Project cases (for expansion boards)
Distributor: CoCoPRO! CoCo: 1 2 3
Notes: NICE cases. Custom-fit for the CoCo expansion bus
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$5.00
Stock #: SS-001 Shipping: \$1.00

Item: #HARDWARE# Kraft Disk Notcher
Distributor: Kraft CoCo: 1 2 3
Notes: make "flippy" diskettes...smooth action!
Orig. Price: \$9.95 CoCoPRO! Price: -----> \$5.00
Stock #: K-100 Shipping: \$2.00

Item: #HARDWARE# Real Talker speech pak
Distributor: Colorware CoCo: 2
Notes: incl digitized Talking Head program...neat!
Orig. Price: \$79.95 CoCoPRO! Price: -----> \$18.00
Stock #: T-007 Shipping: \$2.00

Item: #HARDWARE# MicroFire
Distributor: Duck Prod. CoCo: 1 2 3
Notes: install in j'stik for adjustable rapid-fire
Orig. Price: \$29.95? CoCoPRO! Price: -----> \$18.00
Stock #: H-090 Shipping: \$1.00

Item: #HARDWARE# Serial to Parallel interface (101P)
Distributor: Metric Industries CoCo: 1 2 3
Notes: speed your printer output WAY up! printer-powered.
Orig. Price: \$35.95 CoCoPRO! Price: -----> \$25.00
Stock #: N-001 Shipping: \$2.00

Item: #HARDWARE# Monitor Driver
Distributor: Mark Data CoCo: 1 2
Notes: run a real monitor (instead of fuzzy TV!)
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$19.00
Stock #: R-010 Shipping: \$1.50

Item: #HARDWARE# Super Voice speech pak
Distributor: Speech Systems CoCo: 2 3
Notes: the BEST speech pak! So flexible, it can SING!
Orig. Price: \$69.95 CoCoPRO! Price: -----> \$35.00
Stock #: W-020 Shipping: \$3.00

X Item: #HARDWARE# MultiPak Interface
Distributor: RS CoCo: 1 2 3
Notes: upgraded for CC3...26-3024 model
Orig. Price: \$99.95 CoCoPRO! Price: -----> \$50.00
Stock #: G-001 Shipping: \$5.00

(4)
Item: #HARDWARE# Symphony-12 12-voice Synthesizer
Distributor: Speech Systems CoCo: 2 3
Notes: req. MPI..stereo outputs, incl LYRA driver!
Orig. Price: \$89.90 CoCoPRO! Price: -----> \$38.00
Stock #: T-600 Shipping: \$3.00

X Item: #HARDWARE# MultiPak Interface
Distributor: RS CoCo: 1 2 3
Notes: 26-3124 (smaller) model...no upgrade
Orig. Price: \$99.95 CoCoPRO! Price: -----> \$55.00
Stock #: Z-001 Shipping: \$5.00

Item: #HARDWARE# Tandy 512k upgrade board (no chips)
Distributor: RS CoCo: 3
Notes: unpopulated upgrade board
Orig. Price: \$40 CoCoPRO! Price: -----> \$24.00
Stock #: CP-767 Shipping: \$2.00

X Item: #HARDWARE# Multipak (grey, upgraded)
Distributor: Tandy CoCo: 1 2 3
Notes: upgraded for CC3 use...original grey case
Orig. Price: \$99+ CoCoPRO! Price: -----> \$45.00
Stock #: M-071 Shipping: \$5.00

Item: #HARDWARE# Tandy CC joysticks (pr.)
Distributor: RS CoCo: 1 2 3
Notes: standard RS sticks
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$4.00
Stock #: M-1070 Shipping: \$2.00

Item: #HARDWARE# Orchestra-90 pak
Distributor: Tandy CoCo: 2 3
Notes: compose and play music...req. MPI or Y-cable
Orig. Price: \$99.95 CoCoPRO! Price: -----> \$15.00
Stock #: D-100 Shipping: \$2.00

Item: #HARDWARE# Tandy Deluxe RS-232 pak
Distributor: RS CoCo: 1 2 3
Notes: NEW condition
Orig. Price: \$79.95 CoCoPRO! Price: -----> \$38.00
Stock #: S-001 Shipping: \$2.00

Item: #HARDWARE# Tandy Speech/Sound cartridge
Distributor: RS CoCo: 1 2 3
Notes: incl docs
Orig. Price: \$89.95 CoCoPRO! Price: -----> \$15.00
Stock # : H-100 Shipping: \$2.00

Item: ADOS
Distributor: SpectroSystems CoCo: 2
Notes:
Orig. Price: \$34.95 CoCoPRO! Price: -----> \$10.00
Stock # : A-027 Shipping: \$1.50

Item: #HARDWARE# Tandy X-pad
Distributor: RS CoCo: 1 2 3
Notes: req. MPI or Y-cable...works great, looks fair
Orig. Price: \$350 CoCoPRO! Price: -----> \$30
Stock # : HW-020 Shipping: \$3.00

Item: Alphabet Zoo
Distributor: Spinnaker/RS CoCo: 1 2
Notes: ages 3-8...makes alphabet learning fun!
Orig. Price: \$34.95 CoCoPRO! Price: -----> \$5.00
Stock # : B-232 Shipping: \$1.00

Item: #HARDWARE# Touch Pad
Distributor: Tandy CoCo: 1 2 3
Notes: drawing tablet...includes stylus
Orig. Price: \$49.95? CoCoPRO! Price: -----> \$15.00
Stock # : M-100 Shipping: \$2.00

Item: Autoterm(cassette)
Distributor: PXE CoCo: 1 2 3
Notes: fully automated term program
Orig. Price: \$49.95 CoCoPRO! Price: -----> \$10.00
Stock # : Q-313 Shipping: \$1.50

Item: #HARDWARE# Wordpak RS
Distributor: PBJ CoCo: 2
Notes: create 80-col display on CC2 ! req.MPI or Y-cable
Orig. Price: \$149 CoCoPRO! Price: -----> \$20
Stock # : HW-101 Shipping: \$3.00

Item: Big Filer
Distributor: Danosoft CoCo: 3
Notes: req. GUIKPRO+...holds 360k of database files IN MEM
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$16.00
Stock # : D-003 Shipping: \$1.00

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Item: #HARDWARE# XT-ROM
Distributor: Burke & Burke CoCo: 2 3
Notes: auto-boot OS-9 on powerup! Fits in controller (28-pin)
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$15.00
Stock # : M-900 Shipping: \$2.00

Item: Big RAMDISK
Distributor: Danosoft CoCo: 3
Notes: req 512k...8 separate RAMdisk programs/configs
Orig. Price: \$14.95 CoCoPRO! Price: -----> \$10.00
Stock # : D-002 Shipping: \$1.00

Item: #HARDWARE# the VOICE Speech Pak
Distributor: Speech Systems CoCo: 1 2 3
Notes: nice speech pak, incl talking games on cass, etc.
Orig. Price: \$79.95 CoCoPRO! Price: -----> \$15.00
Stock # : G-010 Shipping: \$3.00

Item: Biosphere
Distributor: RS CoCo: 2 3
Notes: educational game
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$5.00
Stock # : U-003 Shipping: \$1.00

Item: Blackjack Royale
Distributor: Second City CoCo: 2 3
Notes: excellent blackjack game/tutor
Orig. Price: \$16.95 CoCoPRO! Price: -----> \$7.00
Stock # : D-435 Shipping: \$1.00

Item: Bouncing Boulders
Distributor: Diecom CoCo: 2 3
Notes: neat game
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$12.00
Stock # : H-019 Shipping: \$1.00

Item: C.E.O. (complete electronic organizer)
Distributor: Computerware CoCo: 2 3
Notes: req 64k...nice desktop prog,with database,phones, etc
Orig. Price: \$39.95 CoCoPRO! Price: -----> \$9.00
Stock #: W-001 Shipping: \$1.00

Item: CoCo Paint
Distributor: Four Star CoCo: 1 2 3
Notes: req 64k...graphics program. Supports graph. tablet
Orig. Price: \$34.95? CoCoPRO! Price: -----> \$5.00
Stock #: F-023 Shipping: \$1.50

Item: CC3 Flags
Distributor: SPORTSware CoCo: 3
Notes: "Risk"-like game. Nice!
Orig. Price: \$19.00 CoCoPRO! Price: -----> \$12.00
Stock #: O-014 Shipping: \$1.00

Item: CoCo Screen Dump - Star/Epson
Distributor: Spectrum CoCo: 2
Notes:
Orig. Price: \$24.95? CoCoPRO! Price: -----> \$6.00
Stock #: C-014 Shipping: \$1.00

X Item: Castle of Tharrogad
Distributor: RS CoCo: 2 3
Notes: ROMpak
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$8.00
Stock #: H-898 Shipping: \$1.50

Item: CoCo Time (magazine on disk)
Distributor: Microcom CoCo: 1 2 3
Notes: 7 monthly issues (asstd.)
Orig. Price: \$60+ CoCoPRO! Price: -----> 7/\$14
Stock #: G-883 Shipping: \$2.00

Item: Childpace
Distributor: RS CoCo: 2 3
Notes: child development program, ages 3-60 months
Orig. Price: \$34.95 CoCoPRO! Price: -----> \$6.00
Stock #: F-003 Shipping: \$2.00

Item: Color Baseball
Distributor: RS CoCo: 2 3
Notes: America's game...ROMpak
Orig. Price: \$19.95 CoCoPRO! Price: -----> \$5.00
Stock #: S-349 Shipping: \$1.50

Item: Clock
Distributor: B5 Software CoCo: 1 2 3
Notes: teaches children how to tell time...nice!
Orig. Price: \$29.95? CoCoPRO! Price: -----> \$7.00
Stock #: S-679 Shipping: \$1.00

Item: Color Computer Artist
Distributor: RS CoCo: 3
Notes: self-contained OS-9 lv. II graphics prog by Bjork
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$8.00
Stock #: L-567 Shipping: \$1.00

Item: CoCo Checker
Distributor: Spectrum CoCo: 1 2 3
Notes: tests all parts of your system
Orig. Price: \$24.95 CoCoPRO! Price: -----> \$7.00
Stock #: H-005 Shipping: \$1.00

Item: Color Connection III
Distributor: Computerware CoCo: 1 2 3
Notes: term program, DECB
Orig. Price: \$34.95? CoCoPRO! Price: -----> \$7.00
Stock #: F-007 Shipping: \$1.00

X Item: CoCo Graphics Designer Plus
Distributor: Zebra CoCo: 2 3
Notes: make banners, signs, cards, etc....NICE!
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$19.00
Stock #: M-101 Shipping: \$1.00

Item: Color FLEX
Distributor: FHL CoCo: 2 3
Notes: alternate Operating system
Orig. Price: \$49.95? CoCoPRO! Price: -----> \$15.00
Stock #: SH-010 Shipping: \$3.00

Item: CoCo Keyboard Software
Distributor: Spectrum CoCo: 1 2 3
Notes: program Function keys on HJL or other custom keyboard
Orig. Price: \$14.95 CoCoPRO! Price: -----> \$5.00
Stock #: H-101 Shipping: \$1.00

Item: Color Max Deluxe
Distributor: Computize CoCo: 3
Notes: req. Tandy hi-res pak, 512k
Orig. Price: \$39.95 CoCoPRO! Price: -----> \$16.00
Stock #: F-006 Shipping: \$1.00

Item: Color Scribe III
Distributor: Computerware CoCo: 3
Notes: word processor
Orig. Price: \$50 CoCoPRO! Price: -----> \$15.00
Stock #: M-078 Shipping: \$3.00

Item: Diecom Light Phaser Pack..(phaser, Medieval, Iron)
Distributor: Diecom CoCo: 3
Notes: phaser, interface, Medieval Madness, Iron Forest !!
Orig. Price: \$103.90 CoCoPRO! Price: -----> \$70.00
Stock #: W-010 Shipping: \$3.00

Item: Creative Exploration Series
Distributor: Tandy Educational CoCo: 1 2 3
Notes: incl Grobot, Timebound, and Flip Side
Orig. Price: \$39.95 CoCoPRO! Price: -----> \$10.00
Stock #: B-190 Shipping: \$2.00

Item: Disk Anti-Pirate
Distributor: Microcom CoCo: 1 2
Notes: copy-protect your work! Allows non-executable backups
Orig. Price: \$49.95 CoCoPRO! Price: -----> \$9.00
Stock #: T-300 Shipping: \$1.00

Item: Cubix
Distributor: Spectral Assoc CoCo: 1 2
Notes: Q-Bert clone
Orig. Price: \$29.95? CoCoPRO! Price: -----> \$5.00
Stock #: H-300 Shipping: \$1.00

Item: Disk EDTASM
Distributor: Tandy CoCo: 2 3
Notes: ML editor/assembler
Orig. Price: \$49.95 CoCoPRO! Price: -----> \$20.00
Stock #: R-014 Shipping: \$3.00

Item: DEFT Pascal Workbench
Distributor: DEFT CoCo: 2
Notes: complete Pascal package
Orig. Price: \$110 CoCoPRO! Price: -----> \$30.00
Stock #: B-349 Shipping: \$3.00

Item: Disk Utility 2.1A
Distributor: Spectrum CoCo: 2 3
Notes: copy,scan,format, etc...do it all in ONE program!
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$6.00
Stock #: W-002 Shipping: \$1.00

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Item: Dallas Quest
Distributor: RS CoCo: 2 3
Notes: adventure game
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$5.00
Stock #: T-011 Shipping: \$1.50

Item: Don't Forget!
Distributor: Computerware CoCo: 2
Notes: scheduling aid
Orig. Price: \$34.95 CoCoPRO! Price: -----> \$7.00
Stock #: C-011 Shipping: \$1.00

Item: Danosoft Utilities Package
Distributor: Danosoft CoCo: 3
Notes: incl. BIG DISK (make DS drive 1 large 150 gran disk!)
Orig. Price: \$17.95 CoCoPRO! Price: -----> \$13.00
Stock #: D-001 Shipping: \$1.00.

Item: Dragon Fire
Distributor: RS CoCo: 1 2 3
Notes: "Phoenix"-type game...ROMpak
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$5.00
Stock #: S-346 Shipping: \$1.50

Item: Desert Rider
Distributor: RS CoCo: 2 3
Notes: Bjork's dune racing game
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$5.00
Stock #: S-357 Shipping: \$1.00

Item: Dungeon Quest
Distributor: Computerware CoCo: 1 2 3
Notes: req. 32k -- adventure
Orig. Price: \$29.95? CoCoPRO! Price: -----> \$7.00
Stock #: F-020 Shipping: \$1.00

Item: Deskmate 3
Distributor: RS CoCo: 3
Notes: incl. calendar, wordpross, filer, paint, ledger, telecomm
Orig. Price: \$79.95 CoCoPRO! Price: -----> \$19.00
Stock #: B-565 Shipping: \$2.00

Item: Dynacalc (OS-9)
Distributor: RS CoCo: 2 3
Notes: spreadsheet program
Orig. Price: \$49.95 CoCoPRO! Price: -----> \$25.00
Stock #: M-100 Shipping: \$2.00

Item: Electronic Calligrapher (Gemini/Epson)
Distributor: DSL CoCo: 2 3
Notes: req. Gemini or Epson printer
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$8.00
Stock # : C-007 Shipping: \$1.00

Item: Ghana Bwana
Distributor: RS CoCo: 2 3
Notes: Bjork action/adventure, patched for CC3
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$7.00
Stock # : S-356 Shipping: \$1.00

Item: Elite!Calc PBJ
Distributor: Elite CoCo: 2
Notes: for use w/PBJ Wordpak
Orig. Price: \$49.95? CoCoPRO! Price: -----> \$7.00
Stock # : H-308 Shipping: \$2.00

Item: Graphicom
Distributor: Cheshire Cat CoCo: 2 3
Notes: grafix prog by M. Goodman. Req. 64k, 2 joysticks
Orig. Price: \$24.95 CoCoPRO! Price: -----> \$8.00
Stock # : C-801 Shipping: \$1.00

Item: Elite-Word OS-9
Distributor: Elite CoCo: 2
Notes: OS-9 word press
Orig. Price: \$74.95? CoCoPRO! Price: -----> \$10.00
Stock # : M-2085 Shipping: \$2.00

Item: Graphicom Part II
Distributor: Computize CoCo: 2 3
Notes: full-featured graphics editor. req. 64k
Orig. Price: \$24.95 CoCoPRO! Price: -----> \$8.00
Stock # : C-935 Shipping: \$1.50

Item: Essential Mathematics
Distributor: Micro School CoCo: 1 2
Notes: 3-cassette, 30-lesson course
Orig. Price: \$39.95? CoCoPRO! Price: -----> \$10.00
Stock # : H-307 Shipping: \$2.00

Item: Graphing
Distributor: RS/MECC CoCo: 1 2
Notes: educational program
Orig. Price: \$39.95 CoCoPRO! Price: -----> \$10.00
Stock # : H-808 Shipping: \$1.50

Item: Flight Simulator I
Distributor: Tandy CoCo: 2 3
Notes:
Orig. Price: \$34.95 CoCoPRO! Price: -----> \$6.00
Stock # : D-876 Shipping: \$1.00

X Item: Hall of the King Trilogy (I,II,III)
Distributor: Sundog CoCo: 2 3
Notes: six sides of fabulous graphic adventure!!!
Orig. Price: \$74.95 CoCoPRO! Price: -----> \$35.00
Stock # : H-267 Shipping: \$3.00

X Item: Flight Simulator II
Distributor: Tandy/SUBLogic CoCo: 3
Notes:
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$12.00
Stock # : C-016 Shipping: \$1.00

Item: Hardcopy (DMP-120)
Distributor: Computize CoCo: 2 3
Notes: print posters, cards, labels, etc. req. DMP-120 print
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$8.00
Stock # : F-013 Shipping: \$1.00

Item: Gantelet
Distributor: Diecom CoCo: 1 2
Notes: arcade clone...nice!
Orig. Price: \$28.95 CoCoPRO! Price: -----> \$12.00
Stock # : U-005 Shipping: \$1.00

Item: Hardcopy (Gemini 10x & SD-10)
Distributor: Computize CoCo: 2 3
Notes:
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$7.00
Stock # : F-018 Shipping: \$1.00

X Item: Gates of Delirium
Distributor: Diecom CoCo: 1 2 3
Notes: req. 64k....adventure
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$12.00
Stock # : H-211 Shipping: \$1.00

Item: Hi-Res II
Distributor: Cer-Comp CoCo: 2
Notes: utilize MANY different screen widths, etc.
Orig. Price: \$29.95 CoCoPRO! Price: -----> \$7.00
Stock # : G-927 Shipping: \$1.50