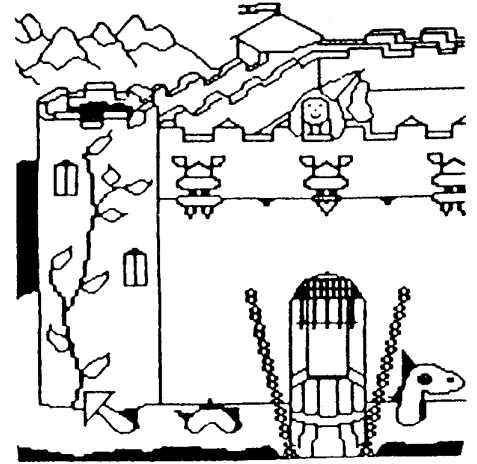


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TANDY Color Computer Magazine



Volume 1, Number 12

Single \$1.50

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 * Volume 1, Number 12 *
 * August 1988 *
 * (C)1988 *
 * Edited and Published *
 * By: Bobby Roger Queen *
 * BBS # (704)-434-2629 *
 * *****

"The WIZARD'S CASTLE" is published monthly by Bobby Roger Queen; 1737 Farmville Road; Shelby, NC 28150-9406.

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Rates are as follows : \$10/yr USA, \$20/yr Canada, and \$30/yr for overseas. All funds must be <US>.

The purpose of this magazine is to provide help to every Color Computer user. This magazine will continue to support all the Color Computers (CoCo's).

The submission of questions, penpal ads, scores, post-it-notes, reviews, hints, programs, etc. to be published in this magazine will be highly encouraged. Every thing that is submitted becomes the property of "The WIZARD'S CASTLE". We reserve the right to edit all the materials used, and not to publish materials which we determine to be unsuitable for publication.

We highly encourage submission of programs as well as articles on appropriate subjects. All programs must be well documented so readers can understand how these programs work. We currently do not pay for these programs or articles, but we may start some time in the future. Materials sent in will not be sent back unless proper return postage is included. All programs should be sent in on a disk or tape & any needed comments should be saved as an ASCII file. We prefer programs to be submitted on disk but we'll accept them on tape also.

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 * NOTICE *
 * EFFECTIVE IMMEDIATELY NEW! *
 * *****
 * DISPLAY AD RATES *
 * *
 * Deadline for ads is the 20th of *
 * the month prior to printing. *
 * *
 * Pages 1Month 6Months 12Months*
 * *
 * 1/4 \$15.00 \$ 75.00 \$150.00 *
 * 1/3 \$20.00 \$100.00 \$200.00 *
 * 1/2 \$25.00 \$125.00 \$250.00 *
 * 1 \$30.00 \$150.00 \$300.00 *
 * 2 \$50.00 \$250.00 \$500.00 *
 * *****

NOTICE:
 Artwork must be camera ready. All rates listed are per page or fraction thereof. Please enclose full payment with each ad copy. Absolutely no X-Rated Ads.



Well I had promised myself that I would never have another double-issue like we had last month. Well what I'm putting out this month isn't what I had in mind either. Besides hardly nothing coming into the mag, and all our advertisers dropping out, Dr. CoCo was on vacation and couldn't get his articles ready for this issue. I promise the Doc's columns will return next month in our anniversary issue. Yes, next month we will be publishing our first anniversary issue. I hope plenty comes in for it. Everyone try to remember that I'm counting on you to help me spread the word about this GREAT magazine! Also, we're still in desperate need of some programs for 'PROGRAMMERS CORNER'. If everyone reading this would sit down right now and write me a letter, & send the names of all their friends who have a CoCo we'd start really growing again. Remember send any programs, articles, reviews, etc., for this magazine to:

"The WIZARD'S CASTLE"
1737 Farmville Road
Shelby, NC 28150

****ANNOUNCING**** another new contest to run along with the 1 or 2 liner I announced last month!! This contest will be a cartoon contest. (No I didn't copy from RAINBOW) I had this idea in March but went ahead with the cover contest's first. What I'm looking for, is someone to draw a regular cartoon strip to be in each issue. If you have any 'talent' in this area please try one and send it in. The winner will be offered a job drawing the strip permanently for the magazine. The deadline for this contest will be September the 15th so hurry and start your drawing today. Also the prizes for the last cover contest will be mailed soon. Would the ones who drew the covers for the May/June-July/August issues, please contact me with your prize choices, (for 2nd or 3rd place), from the April issue. Winners will be announced in the next issue. Prizes for the new contest will be announced next month also. Remember, no matter what you have to send in this area send it to:

--"The WIZARD'S CASTLE"
C/O ????? Contest
1737 Farmville Road
Shelby, NC 28150

Please don't leave me out in the cold when it comes to covers. Without some coming in pretty soon we may have to stop our practice of changing the cover every month. No matter what you send don't forget to put the name of the item and your 'FULL NAME' on it and send it by mail, or you can UPLOAD it to my BBS (The NEWSROOM). Thanks again, for helping me to continue this growing publication.

Remember one man alone can not put out a publication as 'GREAT' as this one. Thanks again.

--The WIZARD

letters letters



to the editor

This is a column which will include letters written to the Editor which may have to be slightly edited due to space. Other than this the letter will be printed as it appears.

Dear Wizard,

Enclosed please find my check for \$10.00. Enter my subscription for one year. I love your magazine and wish you much luck with your endeavor. I look forward every month to my issue of The WIZARD'S CASTLE, & I don't want to miss any. Please continue to list my BBS in your magazine. I've been receiving calls from all over the country and many say they saw it in the BBS list in your magazine.

Signed,
Keep it up in PA

Dear Wizard,

I would like to subscribe to your magazine, & also ask a few questions and list my BBS with you.....That's it for now. Thank you, and good luck with the magazine, enclosed please find my check for \$10.00 for 1 years subscription. Sincerely,

Signed,
Thankful in MI

Dear Wizard,

Enclosed is a check for \$10. to pay for the continuation of the ad for Digital Innovations. The response to our advertisements is excellent. I appreciate you asking your readers to support the advertisers for it obviously works well. Keep up the good work!!

Signed,
Continuing in AZ

Dear Wizard,

If you need a column dealing with beginners assembly language then I could start one. It would build a rudimentary knowledge of assembly language, & then work up from there, based on questions asked, or have a based theme with related questions in it. Please tell me what you think. Thanks....

Signed,
Wondering in TX

Dear Wondering,

Go ahead and write it and send it in ASAP!! You'll fill a void in the mag. Thanks for the help!!

Signed,
The WIZARD

Dear Wizard,

I'm enjoying The WIZARD'S CASTLE very much!! I wanted to let you know of my change of address, and please put the following in the Post-It-Note section. Thank you.

Signed,
Joyful in TX

Dear Wizard,

I have enclosed my check for \$10. for what I believe to be the new leader in the CoCo magazine market. Keep up the GREAT work!!

Signed,
Enthused in HI



"The WIZARD'S CASTLE" is a very special 'TANDY' 'Color Computer' magazine and now you can get the entire first year's worth of programs that have appeared in the pages of our magazine!!! No matter how short or how long, all the programs will

be found on the 1st issue of The WIZARD'S CASTLE on disk. The disk has a self-loader built into the menu and to load the disk all you have to do is type <DOS>. I hope all of you will want a copy of this first issue and at the low price we're charging it's like getting half of the programs for FREE!! Don't forget this issue contains over 33 programs.

```
***** FOR *****
* Please send me the 1st Issue of: *
* "The WIZARD'S CASTLE" on disk! *
* ..... 1st issue! only $20.00 copy! *
* Please add $2.50 to cover shipping *
* and handling charges. *
***** BELOW *****
```

```
Name:..... #####
Address:..... # You can place the orders #
City:.....St:.....Zip:..... # through our BBS # listed #
Phone:.(.....)-..... # below. Online 24 hrs day #
#####
# BBS# (704)434-2629 #
#####
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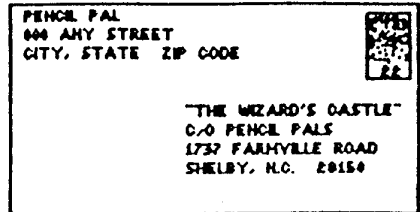
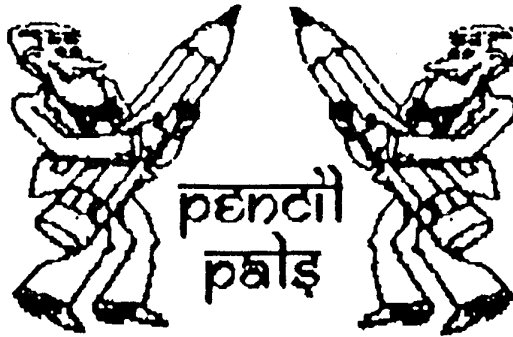
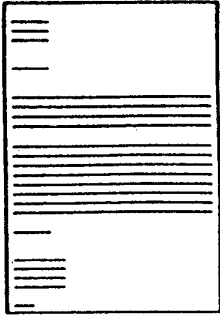
"The WIZARD'S CASTLE" is so special that several of our readers have asked about the availability of 'Back Issues' of our magazine! I'm happy to say that with the announcement of the 1st issue of 'CASTLE' on disk we are announcing a SPECIAL Back

Issue sale of all 11 of the 1st years issues. I know some of you have told me that you would like a set of the back issues offered so here it is! Our usual Back Issue cost is the single issue cost of \$1.50 along with shipping charges. That would be costly, but for a limited time we are offering the entire 11 issues for a greatly reduced amount!!

```
*****
* Please send me all 11 Back Issues *
* of: "The WIZARD'S CASTLE" magazine *
* ..... USA ONLY!! for only $10.00 *
* ..... Canada ONLY! for only $12.50 *
* ..... Overseas for only $15.00 *
* Please add $5.00 shipping to the *
* amounts listed above. Thank you! *
*****
```

```
***** FOR *****
* Please mail orders to: *
* RUSH! *
* "The WIZARD'S CASTLE" *
* ORDER * % Back Issues Special *
* 1737 Farmville Road *
* SEE * Shelby, NC 28150 *
*****
* BELOW
SPECIALSPECIALSPECIALSPECIALS
S Take $5 off if you I
S order from both offers I
SPECIALSPECIALSPECIALSPECIALS
```

```
Name:..... #####
Address:..... # You can place the orders #
City:.....St:.....Zip:..... # through our BBS # listed #
Phone:.(.....)-..... # below. Online 24 hrs day #
#####
# BBS# (704)434-2629 #
#####
```



This is for readers from all over the world to write to other CoCo Nuts from all over. Feel free to write to anyone listed on this page. They may want to trade ideas, programs or may just want someone to write to.

My name is Thomas Sinclair. I own a CoCo 2, 1 disk drive, & a DMP-106 printer. I am looking for some Pen-Pals. I hope you will write to me soon.

--Thomas Sinclair
Route 1 Box 471-A
Gold Hill, NC 28071

My name is Remon Samy Ebrahim. I live in EGYPT and I'm looking to find some Pen-Pals. I have a lot of programs. I just lost my best penpal and I'm looking for another. Please Write!!!!

--Remon Samy Ebrahim
B Aziz Fahmy Street
Tanta, EGYPT

My name is Andrew Cooper and I'm looking for Pen-Pals anywhere in the U.S.A. I have a 64K CoCo 2, disk drive and lots of software.

--Andrew Cooper
311 Fern Drive
Atco, NJ 08004

My name is 'QUICKSILVER'. I live in Monroe, Va. I have a 64K CoCo 2, with disk drive and cassette. I am interested in all areas of programming, games, utilities, assembly language programming, & disk operation. All letters will receive a response.

--QUICKSILVER
Note new address!! 3711 Krysia Court
Anndale, VA 22003

Why did the surgeon examine his computer?
It had a slipped DISK!!

--Bob Mart

My name is Roderick Clark and I'd like to have some 'pen-pals' from anywhere who has a CoCo 3. I have a CoCo 3, DCM-3 modem, FDS01 disk drive and several games etc., for the CoCo 3! Please Write me!!!

--Roderick Clark
15215 Chase Ridge
Missouri City, TX

77489

My name is Christian Roch. I have a 512K CoCo 3, dis drive, printer and 1000+ programs. I would love to have new Pen-Pals from Canada or USA. Preferably 20 years old or older. I'm 29 years old. I'm wanting to trade programs & ideas & I speak French also.

--Christian Roch
734 Lamartine
St. Hilaire, Quebec
CANADA J3H 4L9

My name is Brad Bansner. Do you like graphics?? I also have lots of games, etc.....

--Brad Bansner
2006 Apple Place
Wyomissing, PA 19610

My nickname is the Miner 49er. I have a CoCo2, a disk drive, a DMP-130 printer and lots of programs. I would like to have Pen-Pals to exchange programs and ideas.

--The Miner 49er
C/O Lance Frady
UNCC
208 Hawthorn
Charlotte, NC 28223

More PENCIL-PALS

Here are more readers from all over the world who want other CoCo Nuts from all over to write to them. Remember, feel free to write to anyone listed here. They may want to trade ideas, programs, or they may just want someone to write to.

Hi, my name is Dave Howe. I have a CoCo2, CoCo3, 6 disk drives, a printer, monitor, and modems. I would love to have Pen-Pals from all over the world to trade with. I am 20 years old and run a BBS. If you would like to write or to call my BBS. Then go for it!

--Dave Howe
94 Wilkes Street
Brantford, Ontario
Canada N3T 4W1
BBS # 1-519-753-3499
300/1200 baud 24 hrs

My name is Joseph(Joey) Vaughan. I have a 64K ECB Color Computer II, cassette recorder, RS Speech Sound Pak, an Orchestra 90 Pak, Modem, and lots of programs and ideas to exchange with other readers.

--Joey Vaughan
Route 2 Box 130
Bronson, TX 75930

Hi, my name is Ian Boisvert. I am 14 years old. I have a 128K CoCo 3, 1 disk drive, and a DMP-105 printer. If anyone wants to trade programs or just talk, you can write to me.

--Ian Boisvert
Box 259
Burstall, Saskatewan
Canada S0H 0H0

My name is Jim Ambrose. I live in Florida and it seems that nobody owns any CoCos down here! I need a Pen-Pal. I own a CoCo2&3, 4 drives, printer, and have lots and lots of software!!

--James P. Ambrose
4603 Bayshore Drive
Apartmnt F-1
Naples, FL 33962

Wanted: Small jokes or riddles to fill up these little holes.

My name is Ariel Bensimon. I have a CoCo2, CoCo3, and a disk drive. I will be happy to exchange with anyone who wants. Please help me I just recently got my disk drive and there's not much help available here in ISRAEL. Any help you can be will be greatly appreciated.

Sincerely yours, Ariel.

--Ariel Bensimon
Emek Hefer 98/6
Natanya, 42220
ISRAEL

My name is Danny Mote. I have a 64K CoCo2, 2 drives, Super Voice, EARS, RS232 Pak, Modem, DMP-105 printer and hundreds of programs. I am interested in exchanging any ideas or programs, and especially educational programs, or programs that use Super Voice or EARS.

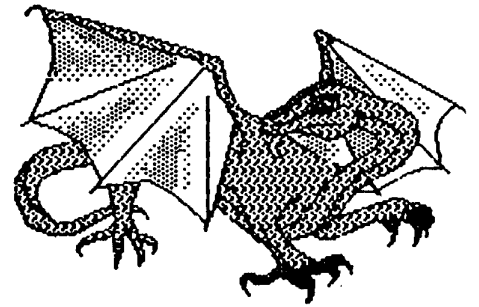
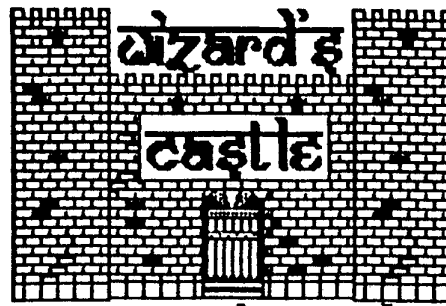
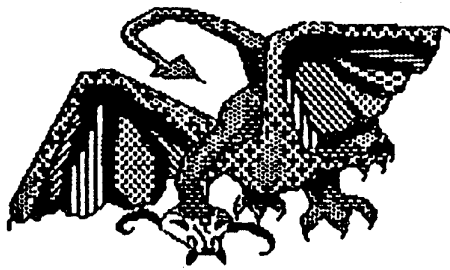
--Danny Mote
Route 2 Box 2782
Demorest, GA 30535

My name is Nila Grose. I have an MC-10 computer, a IP10 printer, a disk drive, a DMP-105 printer, a multi-pak, a cassette recorder, a Tandy 2000, a monochrome monitor, and a DWP-230 printer. I am trying to find some Pen-Pals who are interested in exchanging ideas & programs with.

--Nila D. Grose
R.D. #1 Box 173A
Manheim, PA 17545

My nickname is 'Brother Bill'. I own a 64K CoCo2, and a Tandy 1000, 4 disk drives, a Star NX-10 and a 132 column Daisy Wheel printer. I am mainly looking for utilities but I have LOTS of games also. I would love to hear from pen-pals from all over. Please WRITE!!

--William A. Young
703 Cherry Lane
Shelby, NC 28150



Scoreboard

Come on REAL CoCoNuts, show us your stuff. This is a place for your top scores. We will accept as many as we have room for each month. So pull your favorite's out of the 'moth-balls' and give us your best. No fair using doctored copies of games. Try to beat the HIGH scores this month and next month you may be the 'BIG CHEESE'. Send your initials in also.

F-16 ASSAULT	65,300	REX	SHOCK TROOPER	38,714	QIK
F-16 ASSAULT	56,500	SAC	SHOCK TROOPER	37,000	BLW
F-16 ASSAULT	48,835	JJW	SHOCK TROOPER	24,375	AIR
F-16 ASSAULT	31,460	DLP			
SPACE WAR	6,300	QIK	DEVIOUS	343,050	REX
ROLLER CONTROLLER	123,650	WIZ	DEATH TRAP	68,322	WIZ
			DEATH TRAP	57,666	WIZ
POOYAN	61,200	WIZ	DOWNLAND	65,140	WIZ
POOYAN	59,800	QIK	DOWNLAND	38,280	QIK
POOYAN	48,850	TMS			
CRAZY PAINTER	8,950	WIZ	COLOR CAR ACTION	14,221	EDJ
			COLOR CAR ACTION	10,214	TMS
LE-MANS 78 LEVEL 11 TRACK 2	JIM		COLOR CAR ACTION	9,565	BRI
			COLOR CAR ACTION	6,433	WIZ
FOODWAR	48,315	WIZ	JUNIOR'S REVENGE	17,700	WIZ
			JUNIOR'S REVENGE	14,400	TMS
RADIO BALL	891,900	QIK	BUZZARD BAIT	213,850	DLP
RADIO BALL	749,400	TMS	BUZZARD BAIT	138,800	TMS
RADIO BALL	720,050	WIZ			
DECATHLON	10,106	DLP	SPEED RACER	65,010	DLP
DECATHLON	9,216	JWW	KUNG FU DUDE	62,000	JPA
DECATHLON	8,706	WIZ	GAUNTELET	1,224,190	JJW
DECATHLON	7,926	DER	GAUNTELET	1,094,280	DLP
VARLOC	1,968	DLP	ARENA OF DEATH	62,710	WIZ
VARLOC	1,850	QIK	ARENA OF DEATH	52,695	WIZ
ZAXXON	112,000	N?S	DOUBLEBACK	56,200	WIZ
ZAXXON	91,800	D?S	DOUBLEBACK	36,000	A?A
ZAXXON	69,300	DOG	DOUBLEBACK	33,010	QIK
ZAXXON	28,900	QIK			
DESERT RIDER	72,311	DLP	BALLOON	3,700	QIK
DESERT RIDER	20,411	QIK	DESERT PATROL	313,600	GRW
BREWMASTER	37,675	TMS	DESERT PATROL	105,250	GRW
BREWMASTER	26,150	DLP	GOLDRUNNER I	348,300	JFB
BREWMASTER	13,125	JWW			

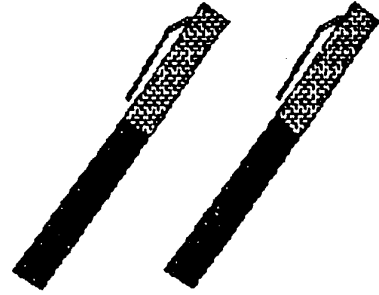
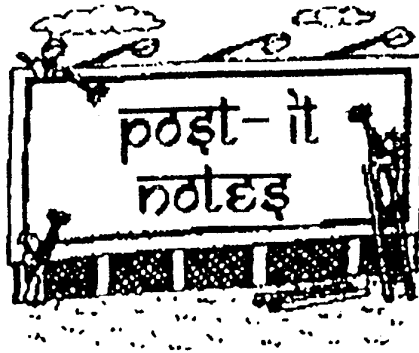
More of Wizard's Castle Scoreboard

Here are even more of the Scoreboard listings. Come on CoCoNuts I want to see your all time best scores. Lets see if we can't fill up both of these pages before the next issue comes out.

			LUNAR ROVER	22,400	QIK
SHAMUS	13,650	QIK	GOLDRUNNER II	428,150	JFB
DRACONIAN	19,820	QIK	LUNCHTIME	57,200	QIK
MR. DIG	1,217,400	SAC	STELLAR LIFELINE	27,910	TMS
MR. DIG	1,000,669	SAC	STELLAR LIFELINE	19,560	D?S
			STELLAR LIFELINE	2,500	WIZ
MARBLE MAZE	34,040	JJW	CLOWNS&BALLOONS	27,100	WIZ
MARBLE MAZE	34,040	QIK	CLOWNS&BALLOONS	22,900	D?S
MARBLE MAZE	32,490	D?S			
MARBLE MAZE	31,150	TMS	OUTHOUSE	32,750	RWR
CATCH 'EM	59,277	JWJ	OUTHOUSE	32,482	WIZ
STRONG HOLD	193,440	WIZ	CRYSTAL CASTLES	532,808	WIZ
STRONG HOLD	180,520	CEQ	CRYSTAL CASTLES	112,873	QIK
PAPER ROUTE	160,200	WIZ	BEAM RIDER	49,710	QIK
PAPER ROUTE	124,950	DLP	BEAM RIDER	42,110	WIZ
PAPER ROUTE	64,900	QIK	PEGASUS	56,100	JJW
SAILOR MAN	501,300	DLP	PYRAMIX	51,120	WIZ
SAILOR MAN	366,200	JJW	PYRAMIX	50,790	EDJ
SAILOR MAN	99,800	DOG	PYRAMIX	47,950	WIZ
KNOCKOUT	141,780	WIZ	PYRAMIX	42,810	WIZ
KNOCKOUT	109,750	REX	PYRAMIX	39,510	EDJ
KNOCKOUT	79,590	EDJ	PYRAMIX	38,720	WIZ
GOLD FINDER	51,125	DOG	BIRDS	123,750	WIZ
GOLD FINDER	49,225	QIK	WARP 3D	17,590	WIZ
GOLD FINDER	22,850	EDJ	7 CARD STUD	2,571	JBF
POLTERGEIST	2,685	TMS	DOODLE BUGGY	235,650	TMS
POLTERGEIST	1,695	JBF	DOODLE BUGGY	48,370	SAC
FLIPPY THE SEAL	21,815	DLP	CANYON CLIMBER	65,200	TMS
FLIPPY THE SEAL	11,625	DOG	CANYON CLIMBER	33,400	QIK
MEGA-BUG	8,858	TMS	MUDPIES	127,200	TMS
MEGA-BUG	4,637	QIK	MUDPIES	113,000	DLP
DEMON ATTACK	16,320	D?S	MUDPIES	23,600	GRW
PROTECTORS	80,850	DOG	ELIMINATOR	6,220	TMS
PROTECTORS	37,575	JOA	ELIMINATOR	3,710	JOM

Remember no scores will be listed for a *DOCTORED COPY*
So please play FAIR!!!!!!!!!!!!

whatever you want
to say just write
it on a convenient
post-it note.



Here is where you can write a note to a fellow reader or just make a brief comment about something. You can use this area like you would use a bulletin board. Put a note about a new 'BBS' or comment on someone's program. Or just write a little note to someone else. It will be up to you to see that this area of this magazine stays full. So "REACH OUT" and write a note today.

Readers,

If you had responded to my previous look for Pen-Pals and have not heard back from me could you please write me again!! I was having trouble with my controller.

--Stuart Cash
716 Elinor Street
Chattanooga, IN 37405

Everyone,

I'm looking for a good used disk drive & controller at a reasonable price. Also I'm looking for a used printer at a reasonable price that doesn't give pain every time it prints.

--Joey Vaughan
Route 2 Box 130
Bronson, TX 75930

All Interested CoCoists,

ARKADE BBS is surfacing. Shipmates with experience are needed. The ship is damaged & it hasn't even sailed yet. Mechanics with knowledge of running a BBS are needed. Contact me below:

--John Million Beck
3513 Terrace Drive
Suitland, MD 20746

and help me to spread the word about this magazine. I know some of you go to computer meetings also. Why not take your copy of the magazine to your next meeting and take orders and mail them in to me. Keep \$1 from each order for your time in doing this. With your help our subscribers list could really grow so fast that my print shop couldn't keep up. So how about it readers?????

Readers,

I am looking for a color monitor, preferably composite. Can someone help me out??

--Ian Boisvert
Box 259
Burstall, Saskatewan
CANADA S0H 0X0

All Readers,

Please don't hook up an un-modified multi-pak to your CoCo 3 as they are incompatible. That's why my controller blew a chip that cost me \$67.00 to get it repaired. I hope I've saved someone else.

--Stuart Cash

TJ Stryker,

R U 4 REAL?

--'FLASH'

Readers,

I hate to keep on griping but I need your help to keep this magazine from following the fate of HOT COCO and others. I know that this magazine is what the 'CoCo' community wants because you tell me this everyday. Since summer's here and school is out how about all of the students getting busy

--The WIZARD

Even more Post-It notes

Here are even more notes that were posted this month. Thanks to you we are really keeping this section full and growing. Remember, now "REACH OUT" and write a note today.

Readers,

Life Is Not A Circus!!!

When you see a trapeze artist performing all manner of death-defying feats way above the ground, it's amazing to watch. You wonder how that performer can stay up there so long without any visible means of support...

Well, the wonderful world of the CoCo is doing the same aerial acrobatics in a way, and has been for some years. At first, software was easy to find, suppliers abounded, and most programs were inexpensive.

Then came the Pirates. They disguise themselves by claiming ignorance of the law or stating they are merely trading programs. Think about it. If it weren't for this activity the hidden piracy charges that make our software so expensive would be unnecessary & a lot more companies would still be providing us with decent programming efforts.

Look at the 'Pencil-Pal' section of this magazine. Look at all those people who boldly (or innocently?) advertise their willingness to swap, trade and break the law.

What's wrong, you ask???? Each swapped or traded program lifts a percentage of profit from the author's pocket, giving one of several possible messages...

- 1) Nobody' buying it, it must not have been what the public wanted.
- 2) I'm not a good programmer.
- 3) Pirates are stealing it---I'll have to encode it.
- 4) I'll have to add a hidden charge to protect me from that small percentage of piracy.

And you can see where that line of logic leads....Higher prices or less programs...

It's sort of like going to the bank to cash your paycheck, and the bank keeping half of your check. That's what piracy feels like to the programmer.

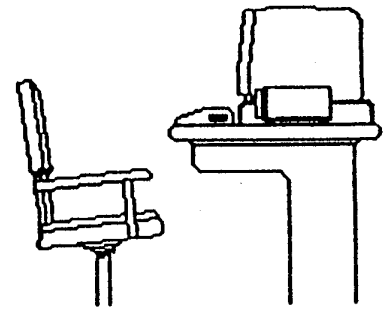
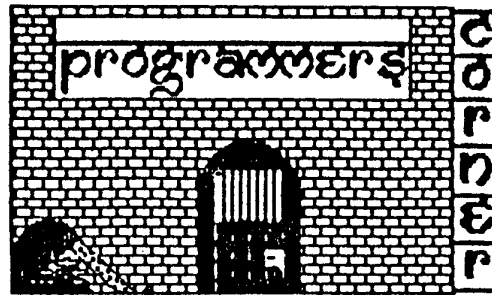
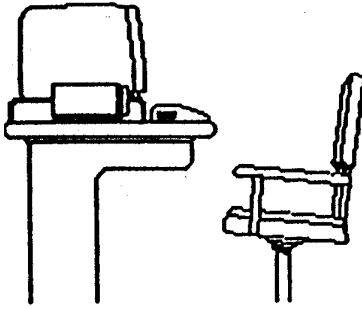
Before the CoCo falls off its precarious position on the trapeze to a splattering finale of oblivion please be intelligent about who you deal with, and how you operate.

Steer clear of these jokers who are helping you build your software library cheaply & at the same time assisting you in becoming a criminal.

Try to help stop the termites who are eating away CoCo's support base.

Wizard's Castle is a fine periodical, but be wary of some names who are too eager in the Pencil Pals section.

(Anonymous)



Here is where all you amateur programmers get to "SHOW US YOUR STUFF" . The 'MAIN' requirement for this section is that the program not be too extremely long. Also the program needs to be sent in on disk. Have fun and SHOW OFF!

MAGIC COPY 128 (CoCo 3)

This is a basic program for the CoCo 3 that is for disk backup and file copying. I got fed up not having any program to copy files from one drive to another on my Coco 3 and wrote this.

To run the program you need a 128K CoCo 3 & 1 or more disk drives. The disk backup routine was written with the help of JON Cruz. The instructions are simple for file de/selection press the <spacebar> and to exit any function press break. That's it!

```

1 ' *****
2 ' VER 000.00.06
3 ' MAGIC COPY 128
4 ' WRITTEN
5 ' BY
6 ' CHRIS AHRENDT
7 ' AND
8 ' JON CRUZ
9 '
10 ' AFAR SOFTWARE
11 ' RELEASED INTO
12 ' THE PUBLIC DOMAIN
13 ' FEB 24, 1988
14 '
15 ' USE THE SPACE BAR TO
16 ' SELECT FILES FROM THE
17 ' MAIN MENU
18 '
19 '
20 ' *****
21 ON BRK GOTO 188
22 ON ERR GOTO 193
23 POKE&HFF40,0 'Stop disk mtr
24 FOR ADDR=&HFE85 TO &HFEF
25 READ CODE
26 POKE ADDR, CODE
27 NEXT ADDR
28 EXEC &HFE8A
29 DATA 215,188,0,0,0,48,141,0,1
30 7,188,1,13,39,11,16,190,1,13,18,
31 175,140,234,191,1,13
32 DATA 57,142,1,82,166,128,129,
33 255,38,29,140,1,90,38,245,166,14
34 0,217,129,6,39,5,108,140,210
35 DATA 32,9,111,140,205,111,140
36 ,200,111,140,198,110,156,192,166
37 140,191,129,30,39
38 DATA 5,108,140,184,32,241,166
39 140,180,129,3,39,5,108,140,173,
40 32,229,111,140,168,142,1,82,166
41 DATA 132,138,63,167,128,140,1
42 ,90,38,245,32,210
43 POKE &HD&CD,0: ' THIS LINE
44 SPEEDS UP DISK ACCESS IF YOUR
45 DISK CAN'T HANDLE IT REM IT OUT
46 POKE&HD723,20: ' SAME HERE
47 POKE&5225,05
48 PCLEAR 1
49 CNP
50 CLEAR 3000,&HSFFF
51 DIM NAM$(68),FL(68),VF$(1),DD
52 (3)
53 AR=6:TP=1:BOT=16:DK=0:CC=0
54 VF$(0)="Off":VF$(1)="On "
55 VF=0
56 POKE65497,0
57 WIDTH40
58 CLS3:ATTR 3,2
59 INPUT " How many drives do y
60 ou have (1-4) ";DR:IF DR<1 OR DR
61 >4 THEN GOTO 46
62 CLS:LINEINPUT " Place the SOU
63 RCE DISK in drive 0, then
64 hit ENTER";E$
65 CLS 3:ATTR 3,2
66 GOSUB 103
67 K$=STRING$(35," ")
68 LOCATE 2,0:ATTR 0,1
69 LOCATE 2,0:PRINTK$;
70 FOR Y=1TO21
71 LOCATE 2,Y:PRINT*";:LOCATE37,
72 Y:PRINT*";
73 NEXT Y
74 ATTR 3,2
75 ATTR 2,4,U:LOCATE 13,1:PRINT*
76 MAGIC COPY 128";:ATTR 3,2:LOCATE
77 2,23
78 LOCATE 4,3:ATTR 0,7,B:PRINT*B
79 ";:ATTR 0,4:PRINT*ack-up the Dis
80 k";:ATTR 3,2:LOCATE2,23
81 LOCATE 4,5:ATTR 0,7,B:PRINT*C
82 ";:ATTR 0,4:PRINT*opy files";:AT
83 TR 3,2:LOCATE 2,23
84 LOCATE 4,7:ATTR 0,7,B:PRINT*V
85 ";:ATTR 0,4:PRINT*erify is ";:AT
86 TR 0,4,B:PRINTVF$(VF);:ATTR 3,2:
87 LOCATE 2,23
88 LOCATE 4,9:ATTR 0,7,B:PRINT*N
89 ";:ATTR 0,4:PRINT*ew disk";:ATTR
90 3,2:LOCATE 2,23
91 LOCATE 4,11:ATTR 0,7,B:PRINT*
92 E";:ATTR 0,4:PRINT*xit";:ATTR 3,
93 2:LOCATE 2,23
94 GOSUB 123
95 GOSUB 131
96 E$=INKEY$:IF E$="a" AND E$<=
97 "z" THEN E$=CHR$(ASC(E$)-32)
98 IF E$=" " THEN FL(TP+AR-1)=1-F
99 L(TP+AR-1):CC=CC+SGN(FL(TP+AR-1)
100 -.5):GOSUB 123
101 IF E$="B" THEN GOSUB 153:GOTO
102 79
103 IF E$=" " THEN GOSUB 142
104 IF E$="E" THEN POKE113,0:EXEC
105 4099
106 IF E$="C" THEN GOSUB 153
107 IF E$=CHR$(10) THEN GOSUB 137
108 IF E$=CHR$(95) THEN GOSUB 147
109 IF E$=CHR$(91) THEN GOSUB 150
110 IF E$="V" THEN VF=1-VF:GOTO 52
111 IF E$="N" THEN FORX=4 TO 19:LO
112 CATE 24,X:PRINT* ";:NE
113 XT:GOSUB 103:GOSUB 123
114 GOTO 67
115 CLS 3:ATTR3,2:PALETTE 12,11:P
116 ALETTE 13,63
117 IF VF=1 THEN VERIFY ON
118 ' IF DD(0)=0 THEN GOTO
119 X=0:FORQ=0 TO 3:X=X+DD(Q)*2:N
120 EXT:POKE 235,X
121 WIDTH32:CLEAR 200,&H3FFF:DIMP
122 M(4):DS=PEEK(&HC004)*256+PEEK(&H
123 C005):PM(0)=0:PM(1)=2:PM(2)=4:PM
124 (3)=6:PM(4)=10:FORQ=0TO3:DD(Q)=S
125 GN(PEEK(235)AND2):NEXT:POKE 235,
126 0
127 TX=0:SX=1:MAX=&H7FFF:MM=MAX:P
128 OKE234,2:POKE239,0:MC=-1<COUNT
129 E R FOR PM()
130 FOR X=0 TO 34:FOR Y=1 TO 18
131 MM=MM+256:IF MM>MAX THEN MM=&
132 H4000:MC=MC+1:IF MC>4 THEN GOSUB
133 91:GOTO86 ELSE POKE&HFA2,48+PM(M
134 C):POKE&HFA3,49+PM(MC)
135 POKE236,X:POKE237,Y:POKE238,I
136 NT(MM/256):POKE240,0:POKE65496,0
137 :PRINT&256,X;Y" :EXEC DS:POKE6
138 5497,0:IFPEEK(240)<>0 THEN GOSUB
139 181
140 NEXT Y:NEXTX
141 GOSUB 91
142 CLEAR 200,&H7FFF:RUN
143 'WRITE TO DISK
144 CLS:INPUT*PLACE DESTINATION D
145 ISK INTO DRIVE AND PRESS RET
146 URN ";E$
147 FOR Q=0 TO 1:IF DD(Q)=0 THEN
148 100 ELSE POKE 235,Q:TR=TX:SE=SX
149 MM=MAX:MC=-1:POKE234,3:WRITE
150 MM=MM+256:IF MM>MAX THEN MM=&
151 H4000:MC=MC+1:IF MC>4 THEN 100 E
152 LSE POKE&HFA2,48+PM(MC):POKE&H
153 FA3,49+PM(MC)
154 IF TR>34 THEN RETURN

```

EVEN MORE PROGRAMS

Here are even more programs you amateur programmers have sent to "SHOW US YOUR STUFF". SHOW OFF!

```

97 POKE236,TR:POKE237,SE:POKE238
,INT(MM/256):POKE240,0:POKE65496
0:PRINT@256,TR;SE" ":EXEC DS:P
OKE65497,0:IFPEEK(240)<>0 GOSUB
184
98 SE=SE+1:IF SE>18 THEN SE=1:TR
=TR+1
99 IF X>=TR OR Y>=SE THEN 95
100 NEXT Q:TX=TR:SY=SE:POKE 235,
0:NM=MAX:POKE234,2:POKE 239,0:NC
=-1
101 CLS:INPUT"PLACE SOURCE DISK
INTO DRIVE AND PRESS RETURN :
"E$
102 RETURN
103 'DISK FILES ROUTINE
104 ZF=0
105 FOR Y=3 TO 18
106 POKE65496,0:DSK1$DK,17,Y,A$,
B$
107 D$=A$
108 GOSUB 115
109 D$=B$
110 GOSUB 115
111 NEXT Y
112 RETURN
113 '
114 ' EXTRACT ROUTINE
115 N$=""
116 FOR X=1 TO LEN(D$) STEP 32
117 IF MID$(D$,X+1,1)=CHR$(255)
AND MID$(D$,X,1)=CHR$(255) THEN
RETURN
118 IF MID$(D$,X,1)=CHR$(0) THEN
121
119 ZF=ZF+1
120 NAM$(ZF)=MID$(D$,X,8)+"/"+MI
D$(D$,X+8,3)
121 NEXT X
122 RETURN
123 ' PRINT LIST
124 TN=4
125 IF BOT>ZF THEN BOT =ZF
126 FOR X=TP TO BOT
127 IF FL(X)=1 THEN LOCATE 24,TN
:ATTR0,4:PRINTNAM$(X);:ATTR3,2:L
OCATE 2,23 ELSE LOCATE 24,TN:PRI
NTNAM$(X);:ATTR 3,2:LOCATE 2,23
128 TN=TN+1
129 NEXT X
130 RETURN
131 'ARROW PRINT
132 LOCATE 21,AR+3:PRINT"->";:LO
CATE 2,23
133 RETURN
134 'BLANK ARROW
135 LOCATE21,AR+3:PRINT" ";:LOC
ATE 2,23
136 RETURN
137 'UP ARROW
138 GOSUB 134

```

```

139 IF AR=16 THEN IF BOT<ZF THEN
TP=TP+1:BOT=BOT+1:GOSUB 123:GOT
O 141
140 IF BOT<>ZF DR AR<BOT-TP+1 TH
EN AR=AR+1
141 GOSUB131:RETURN
142 'DOWN ARROW
143 GOSUB 134
144 IF AR=1 THEN IF TP>1 THEN TP
=TP-1:BOT=BOT-1:GOSUB 123:GOTO 1
46
145 IF AR>1 THEN AR=AR-1
146 GOSUB 131:RETURN
147 'SHIFTED DOWN
148 IF TP=1 THEN RETURN ELSE IF
TP<8 THEN BO=BO-TP+1:TP=1 ELSE T
P=TP-8:BO=BO-8
149 GOSUB 123:RETURN
150 'SHIFTED UP
151 IF BO=ZF THEN RETURN ELSE IF
ZF=BO<8 THEN BO=ZF:TP=BO-15 ELS
EBO=BO+8:TP=TP+8
152 GOSUB 123:RETURN
153 'SELECT DRIVES FOR MULTI COP
Y
154 DD(0)=0:DD(1)=0:DD(2)=0:DD(3
)=0
155 IF DR=1 THEN DD(0)=1:RETURN
ELSE CLS:PRINT" Select the dest
ination drive(s)":PRINT:PRINT"
SOURCE: ";:ATTR0,4:PRINT"0";:ATT
R3,2:PRINT" ":PRINT" DESTINATIO
N:":ND=0
156 LOCATE 14,3:FOR X=0 TO DR-1:
IF DD(X)=0 THEN ATTR 3,2:PRINTX;
:NEXT X:LOCATE 5,10 ELSE ATTR 0,
4:PRINT X;:ATTR3,2:NEXT X:LOCATE
5,10
157 E$=INKEY$:IF (E$<"0" OR E$>C
HR$(47+DR))AND E$<>CHR$(13) THEN
157
158 IF E$=CHR$(13) THEN IF ND=0
THEN LOCATE 5,10:ATTR 3,2:PRIN
T"YOU MUST SELECT AT LEAST ONE":
GOTO 157 ELSE 160
159 X=VAL(E$):DD(X)=1-DD(X):ND=N
D+SGN(DD(X)-.5):LOCATE 5,10:PRIN
T" ":GOTO 156
160 IF DD(0)=0 THEN RETURN ELSE
CLS:PRINT" Using drive 0 as a d
estination will slow down o
peration.":PRINT" Do you still
wish to use drive 0 as both (Y/N
)?"
161 E$=INKEY$:IF E$="Y" OR E$="y
" THEN RETURN ELSE IF E$="N" OR
E$="n" THEN 155
162 GOTO 161
163 'SUPER COPY
164 CLS

```

```

165 IF CC=1 THEN GOTO 174
166 IF CC=0 THEN GOTO 52
167 IF VF=1 THEN VERIFY ON
168 FOR X=1 TO ZF
169 IF FL(X)=1 THEN FOR Y=0 TO 3
170 IF DD(Y)=1 THEN TEM$=NAME$(X
)+":0":T2$=NAME$(X)+": "+STR$(Y):
POKE65496,0:COPY TEM$ TO T2$:POK
E65497,0:NEXTY
171 NEXT X
172 VERIFY OFF
173 GOTO 52
174 FOR X=1 TO ZF
175 IF VF=1 THEN VERIFY ON
176 IF FL(X)=1 THEN FOR Y=0 TO 3
177 IF DD(Y)=1 THEN TEM$=NAME$(X
)+":0":T2$=NAME$(X)+": "+STR$(Y):
POKE65496,0:COPY TEM$ TO T2$:POK
E65497,0:NEXTY:GOTO 52
178 NEXT X
179 VERIFY OFF
180 GOTO 52
181 IF PEEK(240)=16 THEN CLS:LIN
EINPUT"ERROR IN READING DISK CON
TINUE (Y/N) ";E$:IF E$="Y" OR
E$="y" THEN POKE 240,0:CLS:RETUR
N ELSE CLEAR 200,&H7FFF:RUN
182 CLS:LINEINPUT"DRIVE NOT READ
Y ABORT ?":E$:IF E$="Y" OR E$="y
" THEN CLEAR 200,&H7FFF:RUN
183 CLS:RETURN
184 IF PEEK(240)=16 THEN CLS:LIN
EINPUT"ERROR IN WRITING DISK CON
TINUE (Y/N) ";E$:IF E$="Y" OR
E$="y" THEN POKE240,0:CLS:RETURN
ELSE CLEAR 200,&H7FFF:RUN
185 IF PEEK(240)=64 THEN PRINT"D
ISK WRITE PROTECTED":LINEINPUT"H
IT ENTER WHEN READY ";E$:CLS:POK
E240,0:RETURN
186 CLS:LINEINPUT"DRIVE NOT READ
Y ABORT ?":E$:IF E$="Y" OR E$="y
" THEN CLEAR 200,&H7FFF:RUN
187 CLS:RETURN
188 CLS:LINEINPUT"DO YOU REALLY
WISH TO EXIT (Y/N)";E$
189 IF E$="Y" OR E$="y" OR E$="N
" OR E$="n" THEN 191
190 GOTO 188
191 IF E$="Y" OR E$="y" THEN POK
E113,0:EXEC 4099
192 GOTO 37
193 IF ERNO =20 THEN LINEINPUT"D
ISK HAS AN IO ERROR REPLACE DISK
AND HIT RETURN";E$:RUN
194 IF ERNO = 13 THEN LINEINPUT"
THIS IS AN OS-9 DISK PLEASE REP
LACE ";E$:RUN
195 CLS:PRINT"ERROR #";ERNO;" IN
LINE ";:ERLIN:STOP

```

DIRPRINT

Short little one-liner to print disk directories in micro-font on the DMP-105. Change printer codes to whatever your printer needs.

```

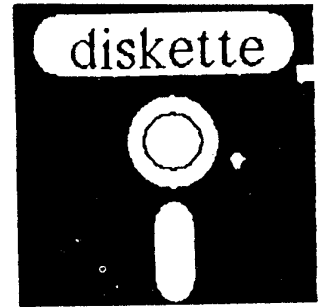
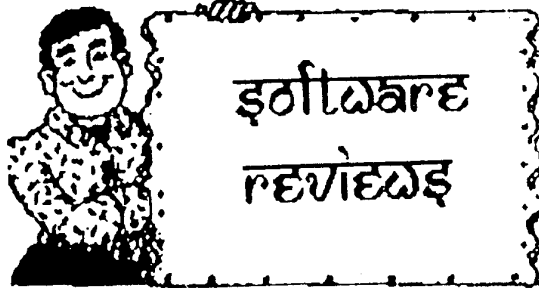
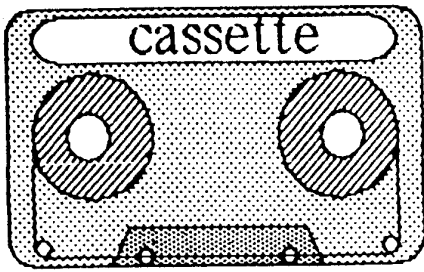
0 'REM by: Bobby R Queen (C)1988
1 CLS:PRINT@96,"DIRECTORY TO PRI
NTER":PRINT:PRINT"TURN PRINTER O
N":PRINT:PRINT#-2,CHR$(27)CHR$(2
0)CHR$(27)CHR$(56):INPUT"ENTER N

```

```

UMBER OF DISK";X$:PRINT#-2,"DISK
# "X$:INPUT"ENTER TITLE OF DISK
";A$:PRINT#-2,A$:CATP:FORA=1TO4:
PRINT#-2:NEXTA:GOTO0:'BRQ88

```



Here are REVIEWS of some of the 'NEWEST' programs and games. These will be wrote by different readers of the magazine each month. If you want to do a review go ahead and write it and send it in. I may edit it for space and might have to change it. Send reviews done with any 'ASCII' word processor. Disks can only be returned only if postage is provided.

Review of Home Publisher from Tandy.

Well Tandy has done it to us again, wrote a good program then messed it up. First we'll look at the good parts. The manual is much improved, but you'll still have to read between the lines. Tandy has broken the rules and decided to support two Epson printers, but has neglected to fully support the popular DMP-130. There are 14 fonts available, but several of the styles are similar.

Now we'll look at the bad parts. The High-Res Joystick interface isn't much of an improvement when used. The Mouse cursor isn't very steady and is very hard to use when trying to edit one of the graphic images. An eraser would have been very beneficial in this mode. When using a DMP-130 printer, you have to format for 3 columns and use only the two leftmost columns, or format for only one column. It is very slow when doing a printout and that is at 9600 baud. I feel sorry for the people that have to run at 600 baud.

I think a person would be much better off to save up a little extra money and buy COCOMAX 3. With a little extra effort, and imagination, you could use the scrapbook feature and draw your own graphic images for later use.

Jerry Downey (Reviewer)

Software Review of Gantelet II by Diecom Products.

Move over IBM., Amiga, and Atari ST, the old Computer on the block has just shown us that it can *SHINE* with COLOR and speed just like the 16 Bit machines, not 8 Bit!!

Let me introduce to you "Gantlet II" by Diecom Prodect's!! This is the break through CoCo III owners hav been waiting for in the gaming aspect of this PRIME Computer for a long time!!

We have seen good quality games for the CoCo III, but this one you have to see to believe! It has Super Hi-Res Quality detailed graphics, Super realistic sounds,(from getting shot to slurping food!!). You have eight choices of moving control - left, right joystick-keybord, or both. You can have up to 4 people play! Not a misprint, 4 People (which I highly suggest). You have a choice of RGB or Composite,(both look great) plus best of all it has 18 Different Huge levels (that I know of).

What I should really say is if you've seen the arcade version (which I know everybody has) your looking at it on your CoCo!!

Even More Software Reviews

Here is the continuation of this month's Software Reviews.

I want to Commend "Roland Knight-Writer, and Dave Dies-Graphics & Boards Designer for their extraordinary effort, quality, and time it took to write and design such an Exclusive "ARCADE STYLE GAME" for the Color Computer 3. I sure hope to see more programs from them in the future! On a scale of one to ten I give this program an "11".

If you're saving your money to buy a new game for the CoCo 3, BUY this one! If you don't have enough money borrow some from a friend or your mom and dad, you wont regret it! The program comes on 2 disks, (1. Boot Disk 2. Graphics & Sound disk) Requires CoCo3 (128k) & disk.

Jim Ambrose (Reviewer)

One of Ark Royal's New Hi-Res war games is RED STAR.

If you like war games & are used to seeing your friends version of DGRE on his Commodore then you are in for a big let down. The graphics are mediocore at best. I have also found the computer easily beaten by very simple moves. Some things that should have been implemented were not; like sound effects, individual movement of resources (men, tanks, etc.) and having to deal with keeping your army supplied. Other than this the program is well written, and easily played. The documentation is contained on a single sheet of card stock. I found that after several sessions that you don't even need the instructions. On a scale of 1 to 10 I give it a 4. But I do reccomend it to the beginning computer war gamer as a learning tool.

Chris Ahrendt (Reviewer)

Electric Bill Calc and Address Book are two new programs available.

When I first got these 2 programs to review I have to admit that my expectations weren't too high seeing as how these are basic programs. I'm glad to say that boy was I surprised. I tried the 'Electric Bill Calc' and the only problem I found with the program was in line 85. Since my Power Company does not have a monthly rate I tried to enter '0' but the program wouldn't take it. If you change line 85 to:

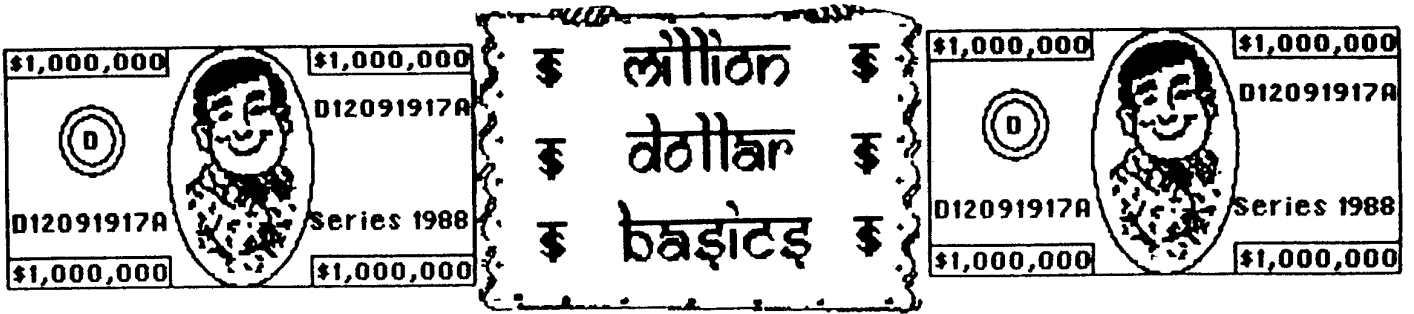
```
85 IFAS="" OR VAL(A$)<0 THENPRINT@129,STRING$(255,32):GOTO65
```

Then it will work fine. After I did this I checked my meter and got out my last bill and figured it up. The meter man came the next morning so I tried it again and when the bill came the amount was exactly what the program said it'd be.

When I tried the address program I was amazed. This program writes the file directly to the disk and allows you to edit the files or to search for one particular name, address, city, state, zip, etc. The only drawback I see with the program is that each file can only hold 25 records, so after that you have to start a new file. This program has one thing that not many programs have though and that is, a print program that'll let you print the labels on 1, 2, or 3, label wide labels.

The cost of these 2 programs make them a must for every CoCo owner. You can't hardly find any programs anymore for under \$25.00 & both of these together are under that. If you're interested in these programs please check Keith Tysinger's ad in this issue.

Bobby Queen (Reviewer)



All of you who wanted a Basic column now have got it. Please send all your questions, comments and problems relating to Basic programming to: John 'Million' Beck; C/O "The WIZARD'S CASTLE"; 1737 Farmville Road; Shelby, NC 28150. And now here's JOHN!

Another issue of Wizard's Castle, and JMB has received no mail for this column. I hope you like our new format.

SET AND PSET

1. Set....SET(H,V,C) sets a point on the text screen, with H being the horizontal (left to right) coordinate, the V being the vertical (up and down) position, and C being the dot's color. H must be 0 to 63, V from 0 to 31, and C from 0 to 8.

Try this---
1 CLS 0:SET(61,30,4)
2 GOTO2

You should see a red spot in the lower right of a black screen.

2. Pset....PSET(H,V,C) follows the same fundamental rules as SET, except H can be from 0 to 255, and V from 0 to 191. And, PSET is on the graphics screen, not the text screen.

Try this---
1 PMODE 1,1:PCLS:SCREEN1,1
2 PSET(251,181,4)
3 GOTO3

Again, you'll see a red dot in the lower right of the screen. This time the screen is a buff color, and you may have noticed something else. The dots were of different sizes, or different resolution. This is due to the graphic screen being divided into a greater amount of spaces than in the text mode, making the locations you specify more precise & finer in resolution.

I'm closing this installment with two simple programs for you to experiment with. The command keys and functions are listed below.

COMMAND KEY	CHR\$ value	FUNCTION
--*-*-*	*-*:*-*:*	*-*-*-*
Up Arrow	94	Up
Down Arrow	10	Down
Left Arrow	8	Left
Right Arrow	9	Right
Space Bar	32	Change Paint Color
Clear	12	Clear Screen
Enter	13	Change Screen Color (Not in Program 2)

Programs are continued on the next page.

Million Dollar Basics (con't.)

Here are the programs that go with the column on the preceding page.

Program 1

----*--*

```
0 'SET
5 POKE65495,0
10 J=0:H=31:V=15:C=0
15 CLS J
20 AS=INKEY$:IF AS=""THEN70
25 IF AS=CHR$(8)THEN H=H-1:IF H<
0THEN H=63
30 IF AS=CHR$(9)THEN H=H+1:IF H>
63 THEN H=0
35 IF AS=CHR$(94)THEN V=V-1:IF V
<0THEN V=31
```

```
40 IF AS=CHR$(10)THEN V=V+1:IF V
>31 THEN V=0
45 IF AS=CHR$(32)THEN C=C+1:IF C
<0 THEN C=8ELSEIF C>8 THEN C=0
50 IF AS=CHR$(12)THEN CLS(C):GOT
010
55 IF AS<>CHR$(13)THEN 70
60 J=J+1:IF J<0THEN J=8:GOTO15
65 IF J>8 THEN J=0:GOTO15
70 SET(H,V,C):GOTO20
```

Program 2

----*--*

```
0 'PSET
5 POKE 65495,0
10 R=RND(4):IF R<3 THEN PMODE1,1
:PCLS:SCREEN1,1:GOTO20
15 PMODE4,1:SCREEN1,0:COLOR0,1:P
CLS:GOTO20
20 H=128:V=96:C=6
25 AS=INKEY$:IF AS=""THEN60
30 IF AS=CHR$(8)THEN H=H-1:IF H<
0THEN H=255
```

```
35 IF AS=CHR$(9)THEN H=H+1:IF H>
255 THEN H=0
40 IF AS=CHR$(94)THEN V=V-1:IF V
<0THEN V=191
45 IF AS=CHR$(10)THEN V=V+1:IF V
>191 THEN V=0
50 IF AS=CHR$(32)THEN C=C+1:IF C
<0 THEN C=8ELSEIF C>8 THEN C=0
55 IF AS=CHR$(12)THEN GOTO10
60 PSET(H,V,C):GOTO25
```

Electric Bill Calc:

Would you like to know how much your electric bill will be before receiving it each month? Electric Bill Calc will verify, calculate, and help you keep tight reins on your electric bill.

Requires 64K, (tape or disk) \$9.95

Address Book:

Address Book is a disk based address and phone book in one. This program is very easy to use and has extra features not found in other 'address books' that costs twice as much!

Requires 64K, disk \$12.95

POSTAGE AND HANDLING INCLUDED!

SEND CHECK OR MONEY ORDER TO:

Keith Tysinger
2000 McPherson St. #10
Asheboro, N.C. 27203
919-672-3286

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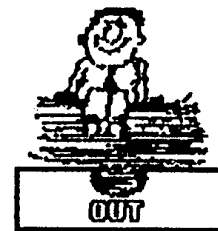
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beginners

OS-9



All of you who wanted a Column for OS-9 now you've got it. Please send all your questions, comments and problems relating to OS-9 programming to: John D. Cleveland; C/O "The WIZARD'S CASTLE"; 1737 Farmville Road; Shelby, NC 28150. And now here's JOHN!

This is the second in a series of columns on the OS-9 operating system.

When you purchase your OS-9 package you get the manual and two system disks. The one that is called the system master is all that we'll need for now. Unless you have RS-DOS version 1.0 in which you will need the OS-9 boot program off of the boot/config disk. See your manual for more information.

After answering the startup prompts of the time and date....these are important to OS-9 for file maintenance, you should format a blank disk and back it up. I won't go into this procedure for it's fully explained in the manual.

Before we go any further we must understand how the files and directories of OS-9 are structured. Unlike the regular RS-DOS, where you can have only one directory per disk, OS-9 can have many. This is true for floppy and hard drives alike.

The information stored on the disk is of two types, program and data. The Program is the code that makes the computer perform the the task or execute it. Where as Data is the information that the program uses to carry out the task. All the information that OS-9 stores on disk, be it a program or data, is stored as a FILE. When a file is created, OS-9 defines a place on the disk to store the file. This location is called the directory, which is located on the disk, and it keeps track of the programs and data files stored on it.

The directory of the OS-9 system holds the filenames, other directories or both. After you format your disk you have only 1 directory this is the Root Directory. However, the disk can have many directories. For example, the system master disk has the CMDS and SYS directories. Right now the two that we should be most interested is the Root and CMDS directories. When you boot OS-9 you startup in these two directories. The root directory is your current data directory, and the CMDS directories is your current execution directory. Unless you tell OS-9 differently when you issue a command, OS-9 will look in your current data and execution directories for the program.

To view your current directory type the following at the OS-9 prompt.

```
OS9: dir
```

This will give you a directory of your current data directory. To see your current execution directory type the following at the prompt.

```
OS9: dir x
```

Well, that's all for this month. Next month we'll learn a bit more about how to change the directories.

DYNAMIC COLOR NEWS (DCN)

Color Computer Magazine

We are now in our fifth year. The purpose of DCN is to provide instruction on Basic and Machine Language Programming, Computer Theory, Operating Techniques, Computer Expansion, Product Reviews, New Products plus provide answers to questions from our subscribers. Included in each issue are Basic and Machine Language programs plus editorials on various computer subjects. Did you know that the joystick port can be used for many hardware applications such as digital voltmeters and thermometers? We showed how to build these in recent issues. We ran a series showing how EPROMS can be used for containing data and programs? Due to popular demand a Ham Radio section is included. DCN is written in a non technical style and is designed to be a learning tool.

Some topics covered are:

- | | |
|-------------------|-----------------------|
| * CoCo 3 | * OS-9 |
| * Graphics | * Uninterrupted power |
| * Vectors | * Stacking Programs |
| * ASCII | * Memory Expansion |
| * Interrupts | * Machine Language |
| * Random Numbers | * Restoring Programs |
| * Ramdisk | * Editing Statements |
| * Data Sorting | * Basic Programming |
| * Memory Map | * Architecture |
| * Word Processing | * CoCo Heat Problem |
| * Morse Code | * Hardware Interface |
| * Joysticks | * Video Reverser |
| * Thermometer | * EPROMS |
| * Page -1 | * Ham Radio |
| * Graphics | * Assembly Language |

Some of the programs are:

- | | |
|------------------------|------------------|
| Electronic Billboard | Fast Food |
| Check Book | Utility |
| Gas Mileage | Sound Generator |
| Character Generator | Grade Book |
| Card Shuffling | Inventory |
| Word Processing | Graphics Draw |
| Alarm Clock | Bank Switching |
| Morse Code | Antenna Design |
| Money Chase (Game) | Graphics zoom |
| Address File with Sort | Terminal Program |
| Star Constellation | Loan Interest |
| Roulette (Game) | Chords (Music) |
| Duelling Cannons | Disk File |
| Program Restore | Lucky Money |
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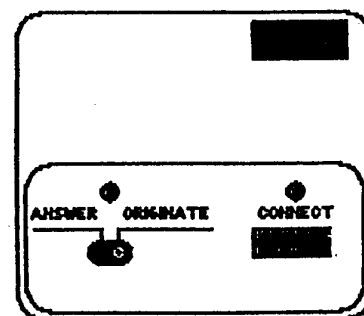
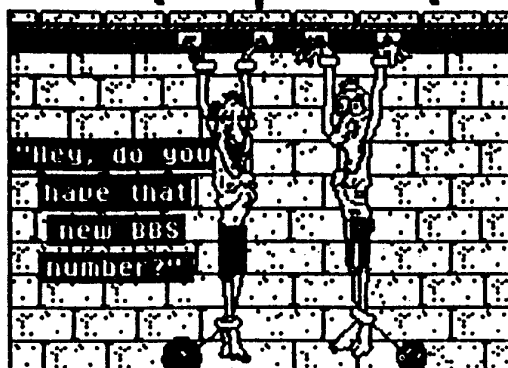
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bb\$ updates



Here are some working BBS's as of date of inclusion. Please send information on working BBS's in your area. Send the name, phone number, baud rate, hours open, and any other notes about them. ENJOY! I'm sure the phone company will. They'll "REACH OUT" for your wallet. I know from experience. I won't be responsible for wrong numbers or dumb callers.

Name	Phone number	Hours open	Baud Rates	Notes

*The WIZARD'S CASTLE	704-937-7736	24 hrs	300/1200	Dr. CoCo *
*WIZ CASTLE NEWSROOM	704-434-2629	24 hrs	300/1200	The WIZARD *

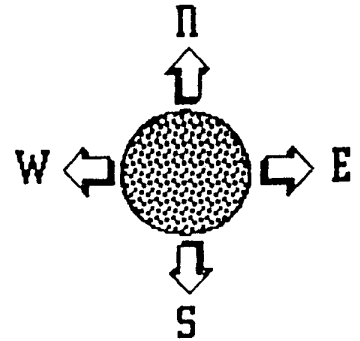
Country Club	202-574-8423	24 hrs	unknown	All Types
Jim's Dream	202-581-1422	Mid-7am	unknown	All Types
Nanci	202-475-1973	24 hrs	300	All Types
The Pirate Ship	203-355-9655	24 hrs	300/1200	CoCo Board
The CoCo Connection	206-854-3744	24 hrs	300/1200	Cors Bik SYS
Collector's BBS	215-926-6894	24 hrs	300	
Glass Menagerie	215-376-1819	24 hrs	300/1200	Sysop - Allen
Animal House	301-237-9704	unknown	unknown	
Apex	301-843-5642	24 hrs	3/12/2400	All types
Blue Thunder	301-948-4463	unknown	unknown	IBM & Compat.
City of Gold	301-279-9536	unknown	unknown	
JAGNET	301-433-2780	24 hrs	300	IBM & Compat.
Riverwatch	301-567-5144	unknown	300	IBM & Compat.
Spook Central	301-464-0945	24 hrs	300/1200	All Types
The Shack	301-434-3440	unknown	unknown	All Types
Tin Badge	301-589-2016	24 hrs	300/1200	IBM & Compat.
Underworld	301-345-0344	unknown	unknown	Chatting SYS
Sweet Briar	302-645-5692	unknown	unknown	
The Buck Board	303-425-9283	24 hrs	300/1200	
The Short Line	303-969-9510	24 hrs	300/1200	
G.A.B.B.S.	312-484-1747	24 hrs	3/12/2400	Multi chat
Falcon's Lair	313-429-2150	24 hrs	300/1200	TUBBS headqtr
J&L's CoCo Corner	313-292-4713	24 hrs	3/12/2400	20+ MEGS
Prometheus	313-283-8198	24 hrs	300/1200	CoCo & IRS-80
Kathi's Korner	315-458-5115	unknown	300	CoCo Only
GatorBoard BBS	317-482-1079	10pm-8am	300/1200	Mainly CoCo
Shelbyville Colorama	317-392-2769	24 hrs	300/1200	7/E/1

Even More good BBS's

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Computer Cellar	319-277-0646	unknown	unknown	CoCo 3
CoBBS	405-737-5580	24 hrs	300/1200	All CoCo
1st SANYO OPUS	412-856-1428	24 hrs	3/12/2400	All Types
CoCo Net	412-744-2335	24 hrs	300/1200	All Computers
GRAFNET	412-469-2255	24 hrs	300/1200	Mainly CoCo
Super 80 BBS	414-327-5334	24 hrs	3/12/2400	IBM & CoCo
The Midnight Express	502-885-4335	24 hrs	300/1200	RLE Graphics
Cat House	513-528-0707	24 hrs	3/12/2400	
CoCo Connection	513-742-1895	24 hrs	3/12/2400	
CoCoNut	513-984-8705	24 hrs	3/12/2400	
Cupids CPU	513-825-8466	24 hrs	300/1200	
Omega	513-671-2049	24 hrs	300/1200	Tom Altum
Pit Stop	513-821-5170	24 hrs	3/12/2400	CoCo 3
The Realm	515-283-0436	24 hrs	300/1200	Rod Newcomb
The Tomb	515-432-7853	24 hrs	300/1200	Steve Kratz
The City Jail	519-753-3499	24 hrs	300/1200	Sysop - Dave
Dream Quest	608-798-3614	6pm-2am	unknown	
J.A.D.E.	608-752-7840	24 hrs	unknown	
Softcom	609-448-8244	unknown	300/1200	
The TAO BBS	609-587-2672	24 hrs	300/1200	All CoCo
The TARDIS BBS	609-448-1361	24 hrs	3/12/2400	
The Lion's Den	617-889-0777	24 hrs	3/12/2400	
Bit Board	701-667-2806	unknown	300/1200	
Franklin County Data	703-365-2018	24 hrs	300	7/E/1 - 8/N/1
TI99	703-631-8772	24 hrs	300	All Types
Pontefex BBS	704-825-6201	24 hrs	300/1200	Ron Millar
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Brass Tacks	718-699-2564	mid-5pm	1200	All Computers
Last Chance Garage	718-727-1781	24 hrs	300/1200	Stephen Knell
Micro-Link	718-648-3502	24 hrs	300/1200	All Computers
Darrel's Barrel	803-821-1669	24 hrs	300/1200	EMAIL Freddy
Islander	803-559-9473	24 hrs	3/12/2400	Jim Powers
TandyLand	803-875-2019	24 hrs	300/1200	All Computers
Download Syndrome	813-FOR-128K	24 hrs	300/1200	20+ MEGS
Microblackboard	902-893-8742	24 hrs	300	Has CoCo Sig
Blue Devil's Court	919-223-5857	24 hrs	300/1200	
CoCoNuts BBS	919-425-8242	24 hrs	300/1200	Sysop - Tom
Dungeon BBS	919-726-9737	24 hrs	300/1200	Sysop - Chuck

go north
open door
get light
go down
on light
go west
get key
go east
go up
off light

go west
unlock door
open door
get paper
get pencil
go south
sit down
put paper
write hints
go rest



Here is where you can help each other to solve those 'PESTY' games that have you lying in bed awake half the night. If you have any 'NAGGING' questions on any games or have any hints for the other readers here is the place they go. Total 'SOLUTIONS' will appear here too from time to time. So GO NORTH, PUSH BUTTON, PLAY GAME, and ENJOY!!

Raaka Tu Hints:

To kill the 'gargoyle' do this:
drop candle - light candle with
lamp -n-s-w-s-e- get ring - drop
ring - get ring (now never drop
the ring again) go back to the
gargoyles room now.

Signed,
Princess Di

Readers,

I have been getting several complete solutions to some adventure games. I was just wondering if any of you had any particular games that you would like to see the complete solutions for. Also I ran out of the supply of hints I had on hand so hurry up & send some more in as soon as possible if not quicker. I'm re-printing a few of the hints that we had in earlier issues. Hurry up!!!

Signed,
The WIZARD

Dallas Quest Hints:

WAVE RING helps you two times in this adventure. Monkeys love to chew tobacco.

Signed,
The WIZARD

Dungeons of Daggorath :

I need help with Dungeons of Daggorath. How do you incant any of the rings? How do you defeat the wierd sounding wizard's image? What is happening with all of the flasks????? Is there any way to win this game? Please help me I'm stumped.

Signed,
Joey Vaughan

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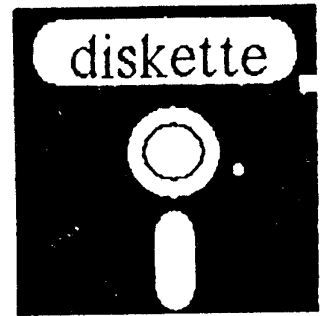
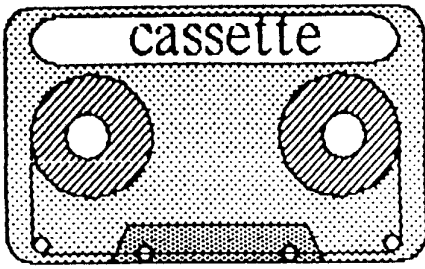
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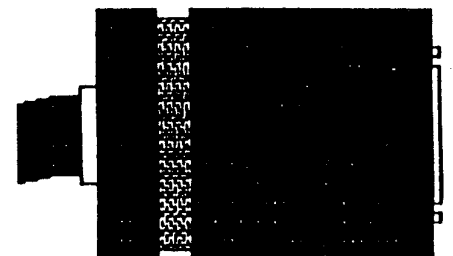
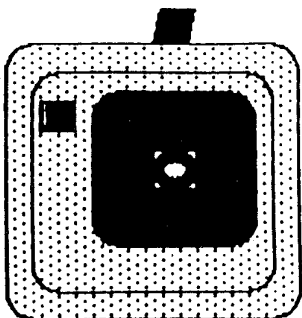
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