



April 1987



CIN-DAY NEWS



MAR. MEETING CINCINNATI CHAPTER CIN/DAY USER GROUP CAMPBELL COUNTY LIBRARY, COLD SPRING KY. by John Connolly.

THE MEETING WAS CALLED TO ORDER AT 12:15 P.M. BY CINCINNATI CHAPTER PRESIDENT SAM MOON. SAM WELCOMED ALL MEMBERS AND GUESTS PRESENT AND READ THE DISCLAIMER REGARDING THE SALE AND PROMOTION OF ITEMS AT THE MEETINGS. SAM THANKED THE LIBRARY FOR THE USE OF THE FACILITY AND TOLD US WE WILL HAVE HALF THE ROOM SIZE WE NOW HAVE. ALSO DISCUSSED WERE THE MEETING TIMES.

SAM MENTIONED THE FINANCIAL SITUATION (EXPENSES OF \$1553, INCOME OF \$1253, AND BALANCE OF \$486), THE NEED OF INPUT VIA THE SUGGESTION BOX TO LET THE NEEDS OF MEMBERS BE KNOWN, AND THE DEADLINE OF 21ST OF THE MONTH FOR ARTICLES FOR THE NEWSLETTER. HANDOUTS DESCRIBING THE TRITON TURBO-XT AND THE MYARC 9640 WERE GIVEN TO ALL PRESENT, ALONG WITH PAST NEWSLETTERS AND HANDOUTS FROM PREVIOUS MEETINGS. MANY ITEMS FROM THE FEB. ISSUE OF MICROPENDIUM WERE DISCUSSED, AMONG THEM WERE:

- 1.)NOT-POLYOPTIC'S SPAD X111 FLIGHT SIMULATOR,2.)RAVE'S MODEL 99/105 KEYBOARD ENHANCEMENT,3.)WILLIAM G. CHAVANNE'S TI-TAX PROGRAMS,4.)TI-LOGO,5.)AN ALPHA LOCK FIX, 6.)TECHNI-Graphics's PC-KEYS,7.)TI-ARTIST WITH XBII,8.)ASGARD SOFTWARE'S ARTIST INSTANCES,9.)MECHATRONIC'S TI-MOUSE,10.)CORCOMP'S WORD PROCESSOR, 11.)TEXAMENT'S C.S.G.D. USER DSK. #4,12.)A PAGER UTILITY,13.)ROCK HOPPER MODIFICATIONS,13.)PORTABLE COMPUTER DESK(POPULAR SCIENCE 1985 YEARBOOK), 14.)TEN-EX CATALOG,15.)S.F.U.TIMES LANGUAGE DESCRIPTION. FROM THE NOV. 86 SMART PROGRAMMER:1.)EXPLORER DISTRIBUTOR NAMED, 2.)MYARC XBII UPDATED,3.)HIGHLIGHT INPUTS,4.)SUBPROGRAM FINDER, 5.)LAST MEMORY MAP (CONSOLE ROM). FOLLOWING A DISCUSSION OF FAIRWARE AVAILABLE TO CLUB MEMBERS AND DEMONSTRATIONS OF FUNNELWRITER AND PAR-FOUR, A RAFFLE WAS HELD. PRIZES WERE; GRAPHIC PADS, SOFT WARE DEVELOPMENT MANUAL, AND A TAPE WORD PROCESSOR. THE THREE WAYS TO GO WITH OUR SYSTEMS WERE DISCUSSED:1.)TURBO/XT,2.)MYARC 9640, AND 3)AS IS. THE MEETING ADJOURNED AT 2:30 WITH 11 MEMBERS PRESENT.

DIRECTIONS: DAYTON

From I-75 northbound, take the First Street exit and proceed east to the Fourth traffic light which will be the intersection of First and Ludlow Streets, making sure to be in the right-hand lane. Turn right and proceed South one-half block. Immediately on the right will be the Lazarus store. Take the elevator to the second floor, turn right and proceed to the auditorium.

DIRECTIONS: CINCINNATI

From I-75 southbound, proceed to the I-71 North and 50 East exit (1A), making sure to be in one of the two leftmost lanes. Shortly after you take the exit, you will be on I-71 North, and should continue until you pass Riverfront Stadium. You would then be sure to get in the rightmost lane, and take I-471 an Newport exit (1K) and you will cross the I-471 bridge. Note: the ramp speed is reduces to 30 miles-per-hour. Proceed south on I-471 (you will pass under I-275) to the intersection of Sunset and U.S. Route 27. Note: this will be the first red light and the end of I-471. Proceed south on U.S. Route for approximately one mile. You will pass a Kocolene service station on the right, take the next driveway, on the right, past the service station, to the library parking lot.



HOW TO BUILD YOUR OWN JOYSTICK ADAPTER

(from March, 1986 newsletter by CENTRAL JERSEY 99 COMPUTER CLUB)

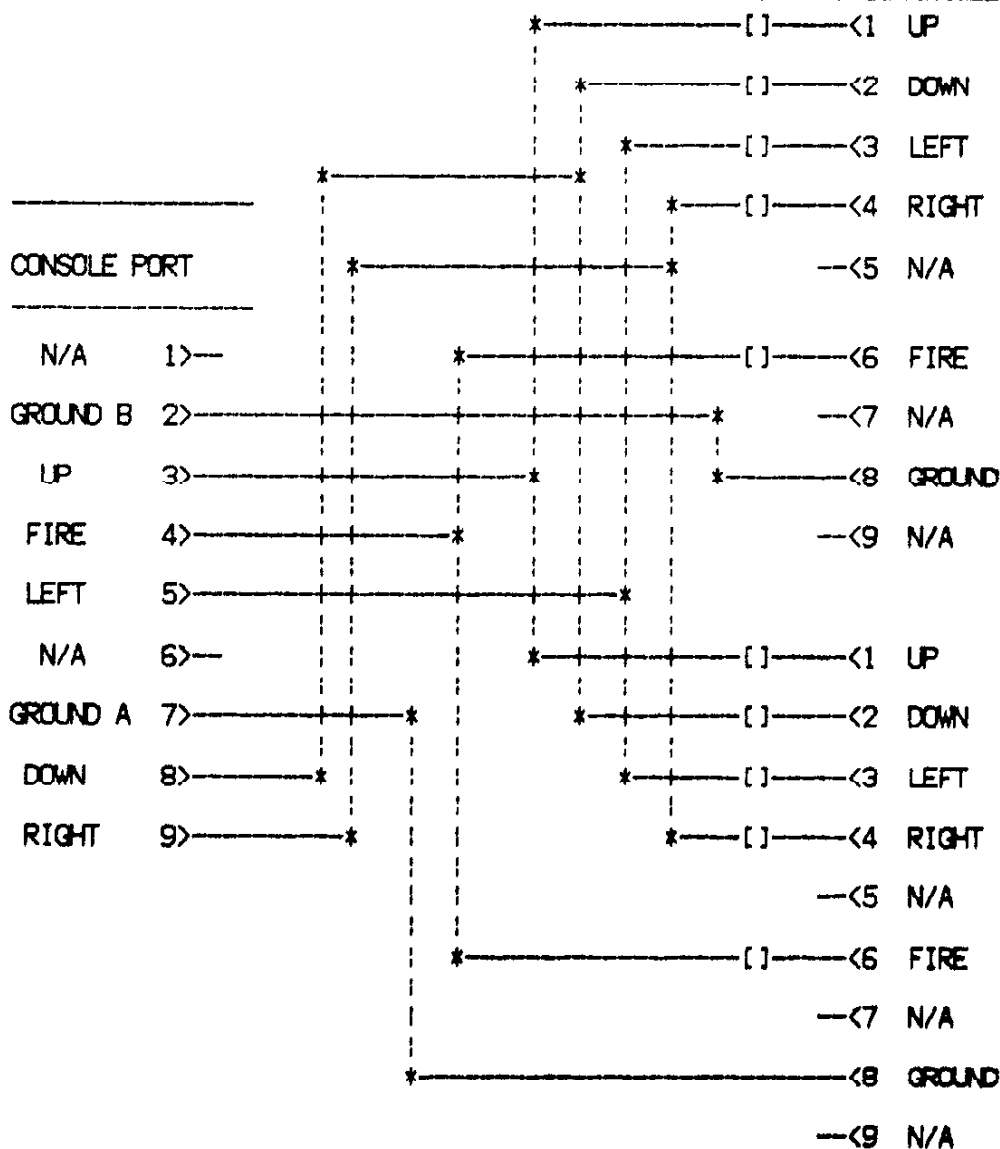
The Atari/Commodore compatible joysticks. The numbers go with the pins of the console port and the joystick connectors. The [] symbol represents a 1N914 diode (or equivalent) which can be found at any Radio Shack. Be sure to install the diodes with the banded end to the joystick side.

The box mentioned in the parts list refers to one of those little [plastic] boxes you get at Radio Shack. In the drawing below, an "*" denotes a connection, otherwise no wires should touch.

PARTS LIST FOR JOYSTICK ADAPTER:

- 10 1N914 DIODES
- 1 UTILITY BOX
- 2 DP9 9-PIN CONNECTORS, MALE
- 1 DP9 9-PIN CONNECTOR, FEMALE

A SHORT LENGTH OF THIN WIRE FOR CONNECTIONS. (I JUST USED THE AMPLE LENGTH OF WIRE ON THE RESISTOR). [EDITOR-Try 20 gauge or less.]



TIGERCUB TIPS #13

Copyright 1984, Tigercub Software, 156 Collingwood Ave., Columbus Ohio 43213. May be reprinted by non-profit users' groups, with credit to Tigercub Software.

These Tips are distributed to Users' Groups in exchange for their newsletters - and in the faint hope that someday, somewhere, someone may buy some of my original programs. I have over 130 of them, at only \$3 each - some of the users' groups charge their own members almost that much for public domain programs! My catalog costs a dollar, refundable on your first order, or refundable anyway if you ask. I give one-day service by 1st Cl. mail, I give bonus programs for repeat orders, I give free programs on disk orders, and I'm still not getting any orders!

I'm told that someone actually found a practical use for my number-scrambling routine, so here is an expanded version. It will scramble any sequence beginning with 1 and ending with any number less than 256 or any number greater than 256 which is evenly divisible by any number less than 256 and greater than 1, within the limits of computer memory. In Extended Basic with Memory Expansion, the limit is about 10,700; if you reformat it to Basic and run it bare bones, you might get close to 13,000.

```
100 CALL CLEAR :: OPEN #1:"P
IO",OUTPUT
110 INPUT "HIGHEST NUMBER? "
:HN :: IF HN<256 THEN TN=HN
:: XX=1 :: GOTO 150
120 FOR TN=255 TO 2 STEP -1
:: IF HN/TN=INT(HN/TN)THEN 1
40
130 NEXT TN :: PRINT HN;"IS
NOT DIVISIBLE BY":"ANYTHING
LESS THAN 256 - ":"CANNOT U
SE" :: GOTO 110
140 XX=HN/TN
150 DIM M$(50)
160 CALL CLEAR :: FOR J=1 TO
TN :: M$(1)=M$(1)&CHR$(J)::
NEXT J :: FOR J=1 TO XX ::
M$(J)=M$(1):: NEXT J :: FOR
J=1 TO HN :: TT=1+INT((J-1)/
255)
```

```
170 RANDOMIZE :: X=INT(XX*RND
D+1):: IF LEN(M$(X))=0 THEN
170
180 Y=INT(LEN(M$(X))*RND+1)
190 PRINT #1:ASC(SEG$(M$(X),
Y,1))+TN*(X-1);
200 M$(X)=SEG$(M$(X),1,Y-1)&
SEG$(M$(X),Y+1,LEN(M$(X))):
NEXT J
```

Here's a little routine you can use to jazz up your title screen or text.

```
100 CALL CLEAR
110 DATA "THIS IS A DEMONSTR
ATION","OF THE","TIGERCUB SO
FTWARE","TWO-WAY PRINT ROUTI
NE"
112 FOR T=1 TO 4
113 READ M$
120 IF LEN(M$)/2=INT(LEN(M$)
/2)THEN 135
130 M$=M$&" "
131 GOTO 140
135 M$=M$&" "
140 L=LEN(M$)
150 C=16-L/2
160 FOR J=L/2 TO 1 STEP -1
170 CALL HCHAR(10+T*2,C+J,AS
C(SEG$(M$,J,1)))
180 CALL HCHAR(10+T*2,16+L/2
-J,ASC(SEG$(M$,L-J,1)))
190 NEXT J
200 NEXT T
```

Did you ever go through your checkbook 5 times in order to add up your gas bill, then your electric bill, etc.? With this little handy-dandy, you can do it all in one pass.

```
100 CALL CLEAR
110 REM - ADDER-UPPER by Ji
m Peterson
120 A$="ABCDEFGHIJKLMNQRST
UVWXYZ"
130 DIM C$(26),T(26)
140 PRINT " ADDER-UPP
ER": :
150 PRINT "WITH THIS PROGRAM
YOU CAN GO THROUGH YOUR CHE
CKBOOK, OR ANYTHING ELSE, AN
D ADD UP AMOUNTS IN SEVERA
L CATE-"
160 PRINT "GORIES ALL AT ONE
TIME.": :
170 PRINT " FIRST, LIST THE
CATEGORIES":"YOU WANT TO ADD
UP.":" TYPE 'END' WHEN FINI
SHED.": :
180 PRINT " NEXT, ENTER THE
CATEGORY":"CODE AND AMOUNT F
OR EACH":"BILL."
```

```

ENTERED ALL": "THE BILLS, TYP
E =": :
200 N=N+1
210 PRINT "CATEGORY #";N
220 INPUT "          ":C$(N
)
230 IF C$(N)="END" THEN 340
240 W#=SEG$(C$(N),1,1)
250 IF POS(A$,W$,1)<>0 THEN
290
260 PRINT : "CODE LETTER ";W#
: " ALREADY USED - PICK A CO
DE LETTER."
270 INPUT W#
280 GOTO 250
290 X=PUS(A$,W$,1)
300 A#=SEG$(A$,1,X-1)&SEG$(A
$,X+1,LEN(A$))
310 X#=X$&W#
320 PRINT : "CODE LETTER FOR
";C$(N); " WILL BE ";W# :
330 GOTO 200
340 C$(N)=" "
350 N=N-1
360 X#=X$&"="
370 IF FLAG=1 THEN 420
380 FLAG=1
390 PRINT : : "READY TO START
- " : :
400 PRINT "WHEN FINISHED, TY
PE =": :
410 INPUT "DO YOU WANT TO VE
RIFY EACH INPUT? ":V#
420 PRINT : "CODE (";X$;)"
430 INPUT Q#
440 IF Q#="" THEN 600
450 IF POS(X$,Q$,1)<>0 THEN
510
460 PRINT "THAT IS NOT ONE O
F THE CODES": :
470 INPUT "IS IT A NEW CATEG
ORY?(Y/N) ":Q#
480 IF SEG$(Q$,1,1)<>"Y" THE
N 420
490 X#=SEG$(X$,1,LEN(X$)-1)
500 GOTO 200
510 Y=POS(X$,Q$,1)
520 INPUT "AMOUNT ?":A :
530 IF SEG$(V$,1,1)="N" THEN
580
540 PRINT :C$(Y);A :
550 INPUT "CORRECT? (Y/N)":L
$
560 IF SEG$(L$,1,1)="Y" THEN
580
570 IF SEG$(L$,1,1)="N" THEN
420 ELSE 550
580 T(Y)=T(Y)+A
590 GOTO 420
600 FOR J=1 TO N

```

```

610 PRINT :C$(J);T(J)
620 TT=TT+T(J)
630 NEXT J
640 PRINT : "GRAND TOTAL OF A
LL IS";TT
650 END

```

And, did you ever wish that you could make numbers smaller, so you could squeeze more of them on a chart or graph? The problem is that resolution is so poor, on my TV screen, but maybe you'll find a use for this.

```

100 REM - NUMBER SCRUNCHER -
   programmed by Jim Peterson
110 CALL SCREEN(5)
120 FOR S=2 TO 44
130 CALL COLOR(S,15,1)
140 NEXT S
150 CALL CLEAR
160 RANDOMIZE
170 DATA 75557,22222,25127,6
1216,55571,74616,74757,71222
,75257,75711
180 FOR J=0 TO 9
190 READ C#
200 CH$(J)="00"&C#
210 NEXT J
220 CH=91
230 INPUT "NUMBER? ":RX
240 N#=STR$(RX)
250 IF LEN(N$)/2=INT(LEN(N$)
/2) THEN 270
260 N#="0"&N#
270 FOR J=1 TO LEN(N$) STEP 2
280 P1=VAL(SEG$(N$,J,1))
290 P2=VAL(SEG$(N$,J+1,1))
300 FOR T=1 TO 7
310 Z#=Z$&SEG$(CH$(P1),T,1)&
SEG$(CH$(P2),T,1)
320 NEXT T
330 CALL CHAR(CH,Z#)
340 Z#=""
350 P#=P$&CHR$(CH)
360 CH=CH+1
370 NEXT J
380 PRINT N#; " ";P#
390 P#=""
400 N#=""
410 GOTO 230

```

Almost OUT OF MEMORY.

Happy hackin'
Jim Peterson





TIPS FROM
THE
TIGERCUB
No. 14

Distributed by Tigercub Software to users groups for promotional purposes and in exchange for their newsletters.

Tigercub Software, 156 Collingwood Ave., Columbus OH 43213, has over 130 original programs available at only \$3.00 each. My catalog is available for \$1.00 which may be deducted from your first order.

It has come to my attention that the members of some users groups have never heard of my kitchen-table enterprise, although their group has been receiving my newsletter for several months. It appears that many users groups have no method of making available to their members the information from newsletters which they receive in exchange.

My software business is a failure, and my Tips are a complete failure as a promotional effort. During the month of July I received a total of 31 requests for my catalog, of which only 9 were the result of newsletter publicity. I do not want to discontinue these Tips, because of the many interesting newsletters that I receive in exchange. However, I can no longer afford to distribute them to those groups which never give any indication that my Tips are reaching their members.

You may have observed that the Tigercub now possesses a Gemini 10X printer. The only fault I could find with it was that it wouldn't print Chinese, so I remedied that defect with this little program.

```
100 !THIS ROUTINE INITIALIZE
S THE GEMINI 10X TO PRINT 'C
HINESE' UNTIL IT IS TURNED O
FF - by Jim Peterson
110 OPEN #1:"PIO"
```

```
120 PRINT #1:CHR$(27);CHR$(4
2);CHR$(0);: CALL CLEAR
130 FOR CH=65 TO 90 :: PRINT
"WORKING..." :: FOR J=1 TO
7 :: FOR L=1 TO 9 :: RANDOMI
ZE :: IF (INT(3#RND+1)<3)+(L
L)>1#(D(J,L-1)>0))THEN 150
140 D(J,L),D(J,10-L)=(1+ABS(
J>1))#V
150 NEXT L
160 NEXT J
170 FOR L=1 TO 9 :: FOR J=1
TO 7 :: X(L)=X(L)+D(J,L):: N
EXT J :: NEXT L
180 PRINT #1:CHR$(27);CHR$(4
2);CHR$(1);CHR$(CH);CHR$(1);
CHR$(X(1));CHR$(X(2));CHR$(X
(3));CHR$(X(4));CHR$(X(5));C
HR$(X(6));CHR$(X(7));CHR$(X(
8));CHR$(X(9))
190 FOR J=1 TO 7 :: FOR L=1
TO 9 :: D(J,L)=0 :: NEXT L :
NEXT J
200 FOR L=1 TO 9 :: X(L)=0 :
NEXT L :: NEXT CH
210 PRINT #1:CHR$(27);CHR$(3
6);CHR$(1);
220 PRINT #1:CHR$(27);CHR$(8
7);CHR$(1)
230 PRINT #1:CHR$(27);CHR$(7
1)
240 STOP
```

Now, without turning off the printer, type LIST "PIO" or run any program that puts out text to the printer. It won't fool a Chinaman but it might impress your friends.

Here's a little something for you who own the Terminal Emulator II and the Speech Synthesizer. Maybe our Congressmen could use it to help them discuss the national debt.

```
100 CALL CLEAR
110 PRINT TAB(7):"NUMBER SPE
AKER": : "by Jim Peterson":
" of Tigercub Software"
: :
120 PRINT " This program wil
l print any:" number of les
s than 67:"digits in number
s and in"
130 PRINT "words, and will s
peak the:"words.": : : " R
equires Terminal Emulator":
II and Speech Synthesizer.":
: :
140 CALL CHAR(39,"0000000000
301020")
```

```
150 OPEN #1:"SPEECH",OUTPUT
160 DIM HIGH$(21),NN$(23)
170 DATA ONE,TWO,THREE,FOUR,
FIVE,SIX,SEVEN,EIGHT,NINE
180 DATA TEN,ELEVEN,TWELVE,T
HIRTEEN,FOURTEEN,FIFTEEN,SIX
TEEN,SEVENTEEN,EIGHTEEN,NINE
TEEN
190 DATA TWENTY,THIRTY,FORTY
,FIFTY,SIXTY,SEVENTY,EIGHTY,
NINETY
200 DATA THOUSAND,MILLION,BI
LLION,TRILLION,QUADRILLION,Q
UINTILLION,SEXTILLION,SEPTIL
LION,OCTILLION,NONILLION
210 DATA DECILLION,UNDECILLI
ON,DUODECILLION,TREDECILLION
,QUATTUORDECILLION,QUINDECIL
LION,SEXTEDECILLION
220 DATA SEPTENDECILLION,OCT
ODECILLION,NOVENDECILLION,VI
GINTILLION
230 FOR J=1 TO 9
240 READ ONE$(J)
250 NEXT J
260 FOR J=1 TO 10
270 READ TEEN$(J)
280 NEXT J
290 FOR J=1 TO 8
300 READ TEN$(J)
310 NEXT J
320 FOR J=1 TO 21
330 READ HIGH$(J)
340 NEXT J
350 PRINT : : :
360 PRINT #1:"NUMBER"
370 INPUT "NUMBER? ":N$
380 L=LEN(N$)
390 FOR J=1 TO L
400 IF POS("0123456789",SE$
(N$,J,1),1)=0 THEN 360
410 NEXT J
420 IF (VAL(N$)<1)+(VAL(N$)<
>INT(VAL(N$)))THEN 360
430 IF L<67 THEN 470
440 PRINT "HEY! I CAN ONLY C
OUNT TO A":"VIGINTILLION!":
:
450 PRINT #1:"HAY I CAN ONLY
COUNT TO A VIGINTILLION"
460 GOTO 360
470 IF VAL(N$)>0 THEN 510
480 PRINT : : "ZERO": :
490 PRINT #1:"ZERO"
500 GOTO 360
510 IF L/3=INT(L/3)THEN 540
520 N$="0"&N$
530 GOTO 380
540 X=L/3
550 FOR J=1 TO L STEP 3
560 JJ=JJ+1
570 NN$(JJ)=SE$(N$,J,J)
```

```

580 IF J>1 THEN 610
590 P$=STR$(VAL(NN$(JJ)))
600 GOTO 620
610 P$=P$+" " NN$(JJ)
620 NEXT J
630 PRINT : : P$ : :
640 FOR J=1 TO X
650 GOSUB 670
660 GOTO 1150
670 IF VAL(NN$(J))<>0 THEN 7
10
680 A$=""
690 FLAG=1
700 GOTO 1140
710 FLAG=0
720 H=VAL(SEG$(NN$(J),1,1))
730 T=VAL(SEG$(NN$(J),2,2))
740 TT=VAL(SEG$(NN$(J),2,1))
-1
750 VV=VAL(SEG$(NN$(J),3,1))
760 IF T=0 THEN 1000
770 IF T>9 THEN 810
780 A$=ONE$(T)
790 SP$=A$
800 GOTO 1000
810 IF T>19 THEN 880
820 A$=TEEN$(T-9)
830 IF T<>19 THEN 860
840 SP$="NINE TEEN"
850 GOTO 1000
860 SP$=A$
870 GOTO 1000
880 IF VV<>0 THEN 950
890 A$=TENS$(TT)
900 IF TT<>8 THEN 930
910 SP$="NINE TEE"
920 GOTO 1000
930 SP$=A$
940 GOTO 1000
950 A$=TENS$(TT)&" "&ONE$(VV)
960 IF TT<>8 THEN 990
970 SP$="NINE TEE"&ONE$(VV)
980 GOTO 1000
990 SP$=A$
1000 IF H=0 THEN 1080
1010 IF T=0 THEN 1050
1020 A$=ONE$(H)&" HUNDRED &
"&A$
1030 SP$=ONE$(H)&" HUNDRED &
"&SP$
1040 GOTO 1140
1050 A$=ONE$(H)&" HUNDRED"
1060 SP$=A$
1070 GOTO 1140
1080 IF (J(X)+(T=0)+(VAL(NN$
<100>))>100) THEN 1140
1090 A$=" & " &A$
1100 IF (TT<>8)&(T<>19) THEN
1130
1110 SP$=" & " &SP$
1120 GOTO 1140
1130 SP$=A$

```

```

1140 RETURN
1150 PRINT A$
1160 IF FLAG=1 THEN 1200
1170 PRINT 01:SP$
1180 PRINT HIGH$(X-J)
1190 PRINT 01:HIGH$(X-J)
1200 GOSUB 670
1210 NEXT J
1220 PRINT 00
1230 A$=""
1240 JJ=0
1250 B$=""
1260 P$=""
1270 FOR D=1 TO 560
1280 NEXT D
1290 GOTO 350

```

I hope you noticed that all those zeros were neatly slashed so that you wouldn't mistake them for 0's. Here's a little routine that will set up your printer to slash the 0's until you turn it off.

```

100 OPEN #1:"PIO"
110 PRINT #1:CHR$(27);CHR$(4
2);CHR$(0);
120 PRINT #1:CHR$(27);CHR$(4
2);CHR$(1);CHR$(48);CHR$(0);
CHR$(92);CHR$(34);CHR$(81);C
HR$(18);CHR$(69);CHR$(2);CHR$
(65);CHR$(34);CHR$(28)
130 PRINT #1:CHR$(27);CHR$(3
6);CHR$(1)
140 STOP

```

And, somebody might get mad if I don't include a little music -

```

100 REM - BELL MUSIC program
    mod by Jim Peterson
110 CALL CLEAR : : CALL SCREE
N(5) : : RANDOMIZE
120 FOR CH=96 TO 136 STEP 4
: : FOR L=1 TO 4 : : I0=SEG$(
"0018243C425A667E8199A5BDC3DB
E7FF",INT(168RND+1)82-1,2) : :
B0=09&X0 : : C0=19&C0 : : NEX
T L
130 D0=09&C0 : : Z0=RPT$(D0,4
)
140 CALL CHAR(CH,Z0) : : B0,C0
,Z0=MUL0 : : CALL MAGNIFY(4) : :
CALL SPRITE(0CH/4-23.CH,IN
T(158RND+2),255,255) : : NEXT
CH
142 FOR J=1 TO 10 STEP 2 : :
X=98RND-98RND : : Y=98RND-98R
ND : : CALL MOTION(0J,X,Y,0J+
1,X,Y) : : NEXT J
150 FOR J=1 TO 20

```

```

155 CALL COLOR(0INT(108RND+1
),INT(158RND+2))
160 FOR V=0 TO 16 STEP 4
170 ON J GOSUB 250,270,290,3
10,330,350,370,390,410,430,4
10,390,370,350,330,310,290,2
70,250,270,290,310,330,350
180 NEXT V
190 READ X
200 FOR D=1 TO X05
210 NEXT D
220 NEXT J
230 RESTORE
240 GOTO 150
250 CALL SOUND(-999,131,V,52
3,V,131/2,30,-4,V)
260 RETURN
270 CALL SOUND(-999,165,V,16
7,V)
280 RETURN
290 CALL SOUND(-999,196,V,19
9,V)
300 RETURN
310 CALL SOUND(-999,262,V,26
5,V)
320 RETURN
330 CALL SOUND(-999,330,V,33
3,V)
340 RETURN
350 CALL SOUND(-999,392,V,39
4,V)
360 RETURN
370 CALL SOUND(-999,523,V,39
2,V,330,V)
380 RETURN
390 CALL SOUND(-999,659,V,66
6,V)
400 RETURN
410 CALL SOUND(-999,784,V,79
2,V)
420 RETURN
430 CALL SOUND(-999,1047,V,1
057,V)
440 RETURN
450 DATA 16,16,2,16,8,16,4,4
,16,2,16,4,16,8,8,16,2,2,16,
4,2,0,16

```

Just about MEMORY FULL, so
Happy hackin'

Jim Peterson



The "CIN-DAY NEWS" is published through the efforts of the:

CIN-DAY USER GROUP
416 Pinewood Avenue
Piqua, OH 45356

NOTE: All remittances are to be made payable to the "CIN-DAY USER GROUP" and are to be mailed to the above address.

NEWSLETTER SUBSCRIPTIONS for non-members are \$10.00 per year

MEMBERSHIP DUES for an individual or a family household are ... \$20.00 per year

NOTE: Please print and submit the following information in regards to the above: NAME, ADDRESS, CITY, STATE, ZIP CODE, HOME and WORK TELEPHONE NUMBERS.

For additional information contact: Rick Kellogg - Group Contact (513) 773-5941

The CIN-DAY USER GROUP officers are:

HONORARY Chairman-of-the-Board.....	ED YORK	(513) 777-0110
PRESIDENT-CINCINNATI CHAPTER	SAM MOON	(513) 321-3932
PRESIDENT-DAYTON CHAPTER	RICK KELLOGG	(513) 773-5941
SECRETARY-CINCINNATI CHAPTER	JOHN CONNOLLY	(513) 528-4722
SECRETARY-DAYTON CHAPTER	FRANK LARRICK	(513) 890-3957
TREASURER-DAYTON CHAPTER	JIM SUSCO	(513) 748-1886
LIBRARIAN-CINCINNATI CHAPTER	BILL POST	(513) 671-8128
LIBRARIAN-DAYTON CHAPTER	RICHARD WHITMER	(513) 323-2751

EDITOR JIM SUSCO (513) 748-1886

CIN-DAY USER GROUP
416 Pinewood Avenue
Piqua, OH 45356



*** PLEASE RUSH! ***
— 04/08/87 —
TIME DATED MATERIALS

ADDRESS CORRECTION REQUESTED

THIS MONTH'S DAYTON MEETING: APRIL 11, 1987
Lazarus - Auditorium 12:00 Noon.

NEXT DAYTON MEETING:
Lazarus - Auditorium 12:00 Noon. May 16, 1987.

THIS MONTH'S CINCINNATI MEETING: April 11, 1987.
Campbell County Library. 12:00 noon.
(Tentative).

NEXT CINCINNATI MEETING:
Campbell County Library 12:00 Aft. May 16, 1987.
(Tentative)

ATTENTION: This notice
is being sent to you by
computer. Do not
reply to this notice.
If you have any questions
please call (513) 773-5941