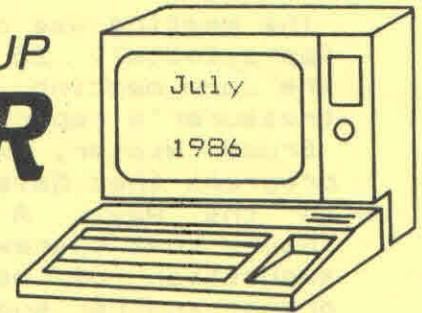


CEDAR VALLEY 99'ER USER GROUP

NEWSLETTER



NEWSLETTER TOPICS

1. Next Meeting Notes
2. Future Meeting Dates
3. Minutes From July Meeting
4. New Members
5. For Sale/Wanted
6. Flip Strips
7. Mail Call
8. Penpal Wanted
9. Fairware/Freeware/Shareware
10. Tips From The Tigercub
11. A Letter From A Satisfied Member

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******NEXT MEETING******

Monday, Aug. 11, 7:00 PM at the
JA building, 330 Collins Road NE.

DEMONSTRATION: WRITERS

We will have a demonstration and/
or discussion of various TI WRITER
loader programs now available and
perhaps some unique usage ideas and
a chance for your questions to be
answered. If you have a printer
control problem bring your printer
manual.

******FUTURE MEETING DATES******

Please mark the following dates on
your calendar for future meetings:
August 11, September 8, October 13.

*****MINUTES FROM JULY MEETING*****

The meeting was called to order at 7:03 pm by President Jim Green. Approximately 25 members were present, with no guests. The minutes of the June meeting were approved as written in the newsletter. The treasurer's report was read and approved.

Bruce Winter, V.P. and librarian, reported on some new shareware programs that have recently been added to our club's library. More are on the way. A discussion followed concerning how the club can help insure that shareware authors are compensated for their labors. One suggestion of merit was to send the author a contribution from the user group; another suggestion was to collect 50% of the asking fee with each copy made for a member, and then send this fund to the author. No decision was reached, and no action taken. Please come to the August meeting with your opinion.

A second discussion followed concerning promotion of our user group library. We have a valuable collection of programs, but many members are reluctant to order from the library without being able to review the program in advance. Some members have been disappointed that the brief description in the software catalog did not give an accurate representation of the program's value. In order to avoid this situation, Bruce volunteered to demonstrate requested programs at each monthly meeting. Program requests should be phoned or mailed to Bruce well in advance of the monthly meeting.

Bruce also reported on the Ham-Computer Fest to be held at the Five Seasons Center August 23. All Cedar Rapids area computer groups will have a small booth both days of the show. John Johnson, Mike Bonafazi, and Ed Edwards volunteered to man our booth, along with Bruce. We will have at least one computer system at the show, and handouts will be available to explain our group and to solicit new members. Our group was asked to provide one box of disks for the hourly door prize drawings, and a motion to that effect was approved. We still need additional volunteers, and anyone available that weekend is encouraged to cover our booth, at any time during the show.

A motion was made and passed that the group purchase a color monitor for use at the monthly meetings. This expense was considered necessary due to lack of interest by our members to bring their TV or monitor once or twice to a meeting. Bruce Winter volunteered to make the purchase, since as librarian he has the rest of the club's system.

The business meeting was adjourned, and Dave Dalton introduced the program presentation for the month, which was a comparison of three terminal emulator programs. 4A/TALK was shown to be superior to TEII, but Fasterm could not be compared because it was not found in our shareware collection, even though the disk was labeled Fasterm. Our librarian promised to fix this discrepancy! Luckily, some of our members were familiar with Fasterm, and we verbally compared it with 4A/TALK. They sounded very similar, except for price. 4A/TALK is \$19.95 from DataBioTics, Inc., while Fasterm is shareware, \$10.00 contribution.

The evening concluded, as usual, with the doorprize drawing, which was won by the Weber's. Second prize went to Sue Breiner, who had to leave early and couldn't claim her prize (shame on you, Sue!).

For the secretary (who didn't make the meeting!),

-Jim Green

NEW MEMBERS:

We extend a warm welcome to these new members; Don Hinton, Terry Randall, Roger Peirce, Bob Heiderstadt, Tom Lillevig and Steve Paxton.

FOR SALE/WANTED:

PE Box, Drive, Controller card and cables; \$175. 2 TI Writers (New): \$20 ea.. Household Budget Management, TI Trek; \$5 ea.. William Gonda (319) 373-1945.

Percom standalone Controller and Tandon SSSD drive; \$210. Atarisoft Defender; \$5. Dave Dalton (319) 377-1715.

For Sale: Early Learning Fun (M) \$5, Adventure module with Pirates Adventure (C) \$8. Bruce Winter.

FLIP STRIPS:

Have you ever been bogged down by too many overlay strips, having to take TI-Writer out to put the Basic strip back in? Now there is an easier way, FLIP STRIPS. Tom has combined all these overlay strips into one plastic spiral FLIP STRIP. Strips include; TI-WRITER, TEII, MULTIPLAN, LOGO, BASIC, EDITOR ASSEMBLER, FORTH, DATA BASE MANAGER, and several blank strips.

The price is only \$3.50 + .50 shipping and handling.

TOM RHODES, 320 TIVERTON WAY, LEXINGTON, KY 40503

MAILCALL:

A sample of the many advertisements we receive each month is listed below. If any of these sound interesting, the mailing should be looked at during the monthly meeting. If you don't see it on the back table, ask one of the officers!

Disks are available at discount prices from Blackship Computer Supply, San Francisco, and from MEI, Columbus, Ohio.

General computer supplies are available from Classic Computer Supplies, Provo, Utah.

TI cartridges are available from Valley Computers of Kankana, Wisconsin. These were being sold out; don't know if they still have stock.

Great Lakes Software, Howell, Michigan, is advertising a graphics program called Joy Paint '99.

As I mentioned at the July meeting, two new keyboards are now being marketed for the 99/4A. Both are IBM-type, with number pads, cursor control keys, and separate function keys. Prices start at \$124.95 from Rave 99 Company, Bloomfield, Conn.

-Jim Green

ACCOLADES:

As I noted in last month's plea for local inputs some inputs have made many other publications. I believe special note of appreciation is due to John Johnson. His short pastel color program has been in many newsletters and the users notes of the June issue of "MICROPENDIUM". Thanks for the interesting colors John! ed.

PENPAL WANTED:

The group received a letter from Harry Allston of 10300 Kings River Road #57, Reedley, CA 93654. He would like to exchange programs, ideas, and fellowship with other 99ers around the country. He is retired has an expanded system, most major software, cassette & SSSD. He lives about 45 miles from a users group so he has to go a ways to find other interested users. His primary interest is business use, altho he admitts to having some games in his 200+ program library. Someone interested in corresponding should contact one of the officers. I doubt if my synopsis has done justice to Harry's fine letter so please read the entire text.

FAIRWARE/FREWARE/SHAREWARE:

A recent note included with a Fairware/Freeware program I received has prompted some thoughts about this distribution system.

The note was permission to distribute the program with this thought "The idea behind freeware is FAIR not FREE". This program is going into the groups "Fairware" library so I wish all to note this thought for this and all the other programs in this library section.

Second thought; Please! when you receive freeware try to assure that you obtain a complete copy. Several in the library are missing files that were part of the original. The prime one missing is usually the documentation (This makes it hard to determine the proper operation of the program). The librarian is now trying to track the source so a replacement may be obtained if something is amiss.

Third; Please! read and/or reread the article from "TOPICS" in the June newsletter about this subject and relate your ideas on how to best support these contributors to our orphans continued utilization.

Forth; Along the lines of 2 and 3. The copy of "Funwriter" in the library does not appear to be complete, Missing: an 80 sector document file, some assy. files. This is a fine program but would be greater if one understood all the options.

All those who have this program and believe it worthy please bring a donation to the August meeting and I will send an International Money Order with sufficient funds to obtain a new disk for the library and help the librarian replace your incomplete copies. I will provide a sheet so your names may be included in the letter of support for Tony and Will McGovern's continued contribution to the 99 world from their Australian home.

Fifth; The editor may have more thoughts than one would like. This may be curbed by limiting his space with your contributions!!!!

-Jerry Canady

TIPS FROM THE TIGERCUB

#35

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TIGERCUB SOFTWARE
156 Collingwood Ave.
Columbus, OH 43213

Distributed by Tigercub Software to TI-99/4A Users Groups for promotional purposes and in exchange for their newsletters. May be reprinted by non-profit users groups, with credit to Tigercub Software.

Over 138 original programs in Basic and Extended Basic, available on cassette or disk, only \$3.00 each plus \$1.50 per order for PPM. Entertainment, education, programmer's utilities. Descriptive catalog \$1.00, deductible from your first order.

Tips from The Tigercub, a full disk containing the complete contents of this newsletter Nos. 1 through 14, 58 original programs and files, just \$15 postpaid.

Tips from the Tigercub Vol. 2, another diskfull, complete contents of Nos. 15 through 24, over 68 files and programs, also just \$15 postpaid. Or, both for \$27 postpaid.

Nuts & Bolts (No. 1), a full disk of 108 Extended Basic utility subprograms in merge format, ready to merge into your own programs. Plus the Tigercub Menuloader, a tutorial on using subprograms, and 5 pages of documentation with an example of the use of each subprogram. All for just \$19.95 postpaid.

Nuts & Bolts No. 2, another full disk of 108 utility subprograms in merge format, all new and fully compatible with the last, and with 10 pages of documentation and examples. Also \$19.95

postpaid, or both Nuts Bolts disks for \$37 postpaid. Tigercub Full Disk Collections, just \$12 postpaid! Each of these contains either 5 or 6 of my regular \$3 catalog programs, and the remaining disk space has been filled with some of the best public domain programs of the same category. I am NOT selling public domain programs - my own programs on these disks are greatly discounted from their usual price, and the public domain is a FREE bonus!

TIGERCUB'S BEST PROGRAMMING TUTOR
PROGRAMMER'S UTILITIES
BRAIN GAMES
BRAIN TEASERS
BRAIN BUSTERS!
MANEUVERING GAMES
ACTION GAMES
REFLEX AND CONCENTRATION
TWO-PLAYER GAMES
KID'S GAMES
MORE GAMES
WORD GAMES
ELEMENTARY MATH
MIDDLE/HIGH SCHOOL MATH
VOCABULARY AND READING
MUSICAL EDUCATION
KALEIDOSCOPIES AND DISPLAYS

For descriptions of these send a dollar for my catalog!

The April Micropendium had a rather slow routine to count the number of words in a D/V text file. I think the following will be much faster. It ignores any lines beginning with a period (TI-Writer formatter commands), otherwise counts each cluster of characters followed by a space, plus the last cluster on the line.

```
10 !WORDCOUNT by Jim Peterson
100 DISPLAY AT(12,1)ERASE AL
L:"INPUT FILENAME? DSK" :: A
CCEPT AT(12,2):F$ :: OPEN #
1:"DSK"&F$,INPUT
110 A=1 :: LINPUT #1:M$ :: I
F ASC(M$)=46 THEN 130
```

```
120 X=POS(M$," ",A):: IF X=0
THEN 130 :: IF X=A THEN A=X
+1 :: GOTO 120 ELSE F=1 :: C
=C+1 :: A=X+1 :: GOTO 120
130 C=C+F :: F=0 :: IF EOF(1
)<>1 THEN 110 :: CLOSE #1 ::
DISPLAY AT(12,1)ERASE ALL:"
APPROXIMATELY "&STR(C)&" WO
RDS"
```

Have you tried those black write-protect tabs, made of a material similar to electrical tape? They do not become dog-eared from bumping against the drive slot, and do not leave the disk sticky when you remove them.

```
100 !TIGERCUB GRAPHPRINT by
Jim Peterson
110 !Will output to printer
a line graph of 31 items of
data, as for instance the
temperature for each day of
a month
120 !Values must be positive
integers within a range of
75 from minimum to maximum
130 M$=RPT$("!",65):: DIM T
$(31),D$(75):: MN=10000
140 DISPLAY AT(12,1)ERASE AL
L:"Input data - maximum 31":
"items. Enter to finish"
150 FOR X=1 TO 31 :: DISPLAY
AT(14,1):X;TAB(4);CHR$(1)::
ACCEPT AT(14,4)VALIDATE(DIG
IT)SIZE(-5)BEEP:T$(X):: IF T
$(X)=CHR$(1)THEN X=X-1 :: GO
TO 170
160 T=VAL(T$(X)):: MX=MAX(MX
,T):: MN=MIN(MN,T):: NEXT X
170 RN=MX-MN :: IF RN>75 THE
N PRINT "EXCEEDS MAXIMUM RAN
GE OF 75" :: STOP
180 IF MX>75 THEN AD=MX-75
190 OPEN #1:"PIO",VARIABLE 1
32 :: PRINT #1:CHR$(15);CHR$
(27);CHR$(51);CHR$(12):: PRI
NT #1:RPT$(" ",132)
200 DISPLAY AT(12,1)ERASE AL
L:"Wait, please...": ".....
.this takes time"
210 LM=LEN(STR$(MX)):: FOR J
=1 TO 75 :: J$=STR$(76+AD-J)
220 IF J>66+AD THEN J$=J$&
"
230 IF J/2=INT(J/2)THEN D$(J
)=RPT$(" ",LM)&SEG$(M$,1,132
```

```
-LM)ELSE D$(J)=J$&SEG$(M$,1,
132-LM)
240 NEXT J :: PRINT #1:RPT$(
" ",LM)&SEG$(M$,1,132-LM)
250 J=1 :: T=VAL(T$(J))-AD ::
T=76-T :: D$(T)=SEG$(D$(T
),1,J#4+4)&CHR$(239)&SEG$(D$
(T),J#4+6,255):: J=J+1
260 T2=T :: T=VAL(T$(J))-AD
:: T=76-T :: FOR N=T2 TO T S
TEP (T2>T)+ABS(T)=T2):: D$(N
)=SEG$(D$(N),1,J#4+2)&CHR$(2
53+(T<T2))&SEG$(D$(N),J#4+4,
255):: NEXT N
270 J=J+1 :: D$(T)=SEG$(D$(T
),1,J#4)&CHR$(239)&SEG$(D$(T
),J#4+2,255):: IF J<X THEN
260
280 FOR J=1 TO 75 :: PRINT #
1:D$(J):: NEXT J :: PRINT #1
290 T=8 :: FOR J=1 TO 31 ::
PRINT #1:TAB(T);STR$(J):: T
=T+4 :: NEXT J
```

When you are analyzing an Extended Basic program, or modifying it, it is often easier to work with single-statement lines. This program will break all multi-statement lines into single-statement lines, except when they are followed by IF or ELSE. When you are finished modifying, a Compactor or Smash program can be used to compact it again.

```
100 !DECOMPACTER by Jim Pete
rson
110 DISPLAY AT(3,5)ERASE ALL
:"TIGERCUB DECOMPACTER": "
Program must first be -": "
RES 100,100": "SAVE DSK(fil
ename),MERGE"
120 DISPLAY AT(12,1):"INPUT
FILENAME?": "DSK" :: ACCEPT A
T(13,4):IF$
130 DISPLAY AT(12,1)ERASE AL
L:"OUTPUT FILENAME?": "DSK" :
ACCEPT AT(13,4):OF$
140 OPEN #1:"DSK"&IF$,INPUT
,VARIABLE 163 :: OPEN #2:"DS
K"&OF$,OUTPUT,VARIABLE 163 :
LN=100
150 LINPUT #1:M$ :: P=POS(M$
,CHR$(130),3):: IF P=0 THEN
PRINT #2:M$ :: GOTO 270
160 A$=SEG$(M$,1,P-1):: IF P
OS(A$,CHR$(129),1)<>0 OR POS
(A$,CHR$(132),1)<>0 THEN PRI
```



```

NT #2:M# :: GOTO 27#
17# PRINT #2:A$&CHR$(#)
18# AN=LN+1 :: GOSUB 28#
19# M#=SE6$(M$,P+1,255)
20# P=POS(M$,CHR$(130),1)
21# IF P=# THEN PRINT #2:LN$
&M# :: GOTO 27#
22# A#=SE6$(M$,1,P-1)
23# IF POS(A$,CHR$(129),1)<>#
OR POS(A$,CHR$(132),1)<>#
THEN PRINT #2:LN$&M# :: GOTO
27#
24# PRINT #2:LN$&A$&CHR$(#)
25# AN=AN+1 :: GOSUB 28#
26# GOTO 19#
27# LN=LN+1# :: IF EOF(1)<>
1 THEN 15# ELSE CLOSE #1 ::
CLOSE #2 :: END
28# LN$=CHR$(INT(AN/256))&CH
R$(AN-256*INT(AN/256)):: RET
URN

```

I still think of the TI as a HOME computer, and I still think that the home computer is an invaluable educational tool - but I guess not many folks agree with me. I had thought of writing full disks of a progressive series of lessons on one subject, but my present two full disks of math education have sold a combined total of 7 copies in 7 months, so that would obviously be a waste of time.

I had written this next program for that purpose and I guess it's no use wasting it, so -

```

1# CALL CLEAR :: CALL TITLE
(5,"TAKE AWAY")!by Jim Peter
son
11# DISPLAY AT(3,1#):"COPYRI
GHT":TAB(1#);"TIGERCUB SOFTW
ARE":TAB(1#);"FOR FREE":TAB(
12);" DISTRIBUTION":TAB(11);
"SALE PROHIBITED"
12# CALL PEEK(-28672,A#):: I
F A#=# THEN 15#
13# DATA FINE,NO,GOOD,UHGH,R
IGHT,TRY AGAIN,YES,THAT IS N
OT RIGHT
14# FOR J=1 TO 4 :: READ RIG
HT$(J),WRONG$(J):: NEXT J
15# FOR D=1 TO 1000 :: NEXT
D :: CALL DELSPRITE(ALL)
16# CALL CLEAR :: CALL CHAR(
95,"FFFF"):: CALL MAGNIFY(2)

```

```

:: RANDOMIZE :: CALL SCREEN(
14):: FOR SET=5 TO 8 :: CALL
COLOR(SET,16,1):: NEXT SET
17# CALL CHAR(12#,"E7#042#0#1
8#07E#0#0#E7#0#42#0#99423CE7#0#4
2#0#99423C#0#E7#0#42#18#0#3C42#0#
")
18# CALL CHAR(124,"#E#0#0#4#1#
0#7#0#0#7#0#0#2#0#0#E#1#0#0#")
19# DISPLAY AT(3,1#):"TAKE A
WAY" :: CALL CHAMELEON
20# CALL COLOR(14,2,2):: CAL
L HCHAR(4,4,143,2):: CALL HC
HAR(5,4,143,2):: CALL SPRITE
(#25,12#,11,25,25)
21# T=T+1 :: N=1-(T>5)-(T>15
):: G=1#-(T>5)#8#-(T>15)#81#
:: H=#-(T>5)#1#-(T>15)#9#
22# X=INT(6#RND+H):: Y=INT(6
#RND+H):: IF Y>X THEN TT=X :
: X=Y :: Y=TT
23# IF X=X2 OR Y=Y2 THEN 22#
:: X2=X :: Y2=Y :: Z=X-Y
24# GOSUB 25# :: GOTO 21#
25# GOSUB 26# :: GOSUB 28# :
: GOSUB 31# :: FOR D=1 TO 2#
# :: NEXT D :: CALL DELSPRIT
E(ALL):: DISPLAY AT(18,1)::
CALL CHAMELEON :: CALL SPRIT
E(#25,12#,11,25,25):: RETURN
26# FOR J=1 TO LEN(STR$(X))
: :: A(J)=VAL(SE6$(STR$(X),J
,1)):: NEXT J :: FOR J=1 TO
LEN(STR$(Y)):: B(J)=VAL(SE6$
(STR$(Y),J,1)):: NEXT J
27# FOR J=1 TO LEN(STR$(Z))
: C(J)=VAL(SE6$(STR$(Z),J,1
)):: NEXT J :: W=LEN(STR$(Z))
-LEN(STR$(X)):: RETURN
28# R=96 :: CC=96 :: FOR J=1
TO N :: CALL SPRITE(#J,4#A
(J),11,R,CC):: CC=CC+16 :: N
EXT J
29# R=116 :: CC=96 :: FOR J=
1 TO N :: CALL SPRITE(#4+J,4
#B(J),11,R,CC):: CC=CC+16 :
: NEXT J
30# CALL HCHAR(18,12,95,N#3)
:: CC=CC-16 :: RETURN
31# R=14# :: FOR J=LEN(STR$(
Z))TO 1 STEP -1 :: IF LEN(ST
R$(X))=1 THEN M=CC :: GOTO 3
3#
32# FOR M=CC TO CC+8 :: CALL
LOCATE(#J-W,96,M,#J+4-M,116
,M):: NEXT M
33# IF A(J-W)>#B(J-W)THEN 36
# :: CALL SPRITE(#28,49,16,9
6,M-9)
34# IF F3=1 THEN 36# :: F1=1

```

```

:: A(J-W-1)=A(J-W-1)-1 :: I
F A(J-W-1)<# THEN A(J-W-1)=9
:: F2=1 :: A(J-W-2)=A(J-W-2
)-1
35# CALL SPRITE(#22,4#A(J-W
-1),16,8#,M-24):: IF F2=1 TH
EN CALL SPRITE(#21,4#A(J-W-
2),16,8#,M-4#)
36# CALL SPRITE(#27,45,16,11
6,M-12)
37# CALL SPRITE(#2#,63,11,R,
M)
38# CALL KEY(3,K,ST):: IF ST
<1 OR K<4# OR K>5# THEN CALL
PATTERN(#2#,32):: CALL PATT
ERN(#2#,63):: GOTO 38#
39# CALL DELSPRITE(#2#,#2B):
: CALL SPRITE(#12+J,K,11,R,M
)
40# IF K-4#<>C(J)THEN 60SUB
45# :: CALL DELSPRITE(#12+J)
:: F3=1 :: GOTO 33#
41# CALL DELSPRITE(#27):: IF
F1=1 THEN 42# ELSE IF F2=1
THEN 43# ELSE 44#
42# F1=# :: CALL DELSPRITE(#
J-W-1):: FOR P=# TO 96 :: C
ALL LOCATE(#22,P,M-24):: NEX
T P :: CALL SPRITE(#J-W-1,4#
+A(J-W-1),16,96,M-24):: CALL
DELSPRITE(#22):: GOTO 44#
43# F2=# :: CALL DELSPRITE(#
J-1-W):: FOR P=# TO 96 :: C
ALL LOCATE(#21,P,M-24):: NEX
T P :: CALL SPRITE(#J-1-W,4#
+A(J-1-W),16,96,M-24):: CALL
DELSPRITE(#21)
44# CC=CC-16 :: NEXT J :: 60
SUB 40# :: F3=# :: RETURN
45# DATA 123,124,125,123,124
,125,123,12#
46# IF A#=# THEN 47# :: CALL
SAY(WRONG$(INT(RND#4+1)))
47# RESTORE 45# :: FOR JJ=1
TO 8 :: READ P :: CALL PATTE
RN(#25,P):: XX=2^25# :: NEXT
JJ :: RETURN
48# DATA 121,122,121,122,121
,122
49# IF A#=# THEN 50# :: CALL
SAY(RIGHT$(INT(4#RND+1)))
50# RESTORE 48# :: FOR JJ=1
TO 6 :: READ P :: CALL PATTE
RN(#25,P):: XX=2^25# :: NEXT
JJ :: RETURN
51# SUB CHAMELEON
52# M#="18#0665AC342DB667E1#
81#0995AC3A5E78142BD24DB66#
B1429924#07E5AC3A53C2418#0FF
DB5AFF7EFF#0991881#066#018"

```

```

53# RANDOMIZE :: CALL CHAR(1
28,SEG$(M$,INT(43#RND+1)#2-1
,16)):: X=INT(14#RND+3)
54# Y=INT(14#RND+3):: IF Y=X
THEN 54# :: CALL COLOR(13,X
,Y)
55# CALL HCHAR(1,2,128,3#)::
CALL HCHAR(24,2,128,3#):: C
ALL VCHAR(1,31,128,96):: SUB
END
56# SUB TITLE(S,T#)
57# CALL SCREEN(S):: L=LEN(T
$):: CALL MAGNIFY(2)
58# FOR J=1 TO L :: CALL SPR
ITE(#J,ASC(SE6$(T$,J,1)),J+1
-(J+1=S)+(J+1=S+13)+(J+14)#1
3,J#(17#L),1#+J#(2##L))::
NEXT J
59# SUBEND

```

When you give your printer instructions, it remembers them until you turn it off. That is why you may find that your letter to Aunt Sally is being printed in double width underlined italics. The solution is found in another gobbledegook paragraph in the Gemini manual - "when (ESC "@) is sent to the printer, the conditions of the printer are initialized."

In plain English, OPEN #1:"PIO" :: PRINT #1:CHR\$(27);"@ in your program or CTRL U, FCTN R, CTRL U, SHIFT 2 at the beginning of your TI-Writer text will cancel out any special orders the printer is still remembering and return it to its default conditions.

Here's a bright idea by Scott King in the AVTI UG newsletter. When you load a program in order to modify it, put a reminder of its filename in the first line, such as 1 ! SAVE DSK1.NAME . Then, when you are ready to save it, just list line 1, FCTN B, use the space bar to erase the ! , and Enter.

MEMORY FULL!

Jim Peterson

7/8
July 7, 1986

Jim Green, President
Cedar Valley 99'er User Group
288 Windsor Drive NE
Cedar Rapids, Iowa 52402

Dear Jim,

Recently I had an experience with the club that I thought you should know about.

In the May newsletter there was an item about a new plug-in chip from Germany that changes the Gemini 10X to near letter-quality. I ordered this chip and was so excited when it came that I decided to try to put it in myself. (The directions that came with it looked so simple!) I made the switch in chips rather easily, but my printer would not work, even when I plugged in the old chips. Panicked, I called Gary Bishop. He suggested a couple of things by phone, but quickly decided I needed more than a phone conversation, so I made arrangements to take it to his house. After a bit of an examination he admitted he was stumped, but offered to keep the printer, make some phone calls and do further diagnostic tests. I was concerned about some damage I might have done in opening up the inside of the printer and the resulting costs, but he assured me that he could probably do the repairs inexpensively through the club. A couple of days later he called back and said my printer worked--the new chip had loosened some prongs that needed to be bent to fit tightly.

As you can see, my Gemini 10X looks pretty good, thanks to Gary. I am very glad for this service to club members. I was stumped as to where to go for help. I have been a member of the club for a couple of years and although I don't get to many of the meetings because of distance, I have benefited greatly from the newsletter information and help like Gary's--much more than the very small yearly dues.

I hope the club can continue in the months/years ahead. I still have a lot more to learn about my computer system and appreciate the resources represented in the club.

Thanks for being available when I needed you!!

Sincerely,

Sue

Sue Breiner
RR#1
South English, Iowa 52335

Thanks, Gary!

