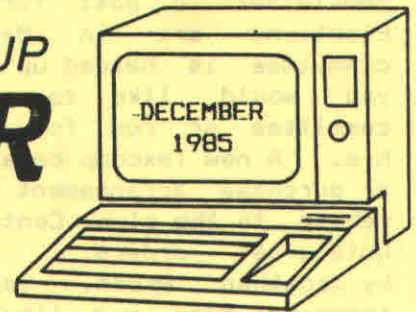


CEDAR VALLEY 99'ER USER GROUP

NEWSLETTER



NEWSLETTER TOPICS

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5. Advertising Our Group
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11. Tips From The Tigercub

****NEXT MEETING NOTES****

The January meeting will be Monday, Jan. 13, 7:00 P.M. at the JA building, 330 Collins Road N. E. At this meeting, we will have a showdown between two popular graphics programs sold for the TI, **GRAPHX**, and **BIT-MAC**. Come see all the graphics capabilities our machine is famous for. We will also be awarding two door prizes to lucky members, and the usual conversation, hints, and information will be presented. Be there on Monday, January 13, @ 7:00 P.M.

****FUTURE MEETING DATES****

Please mark the following dates on your calendar for future meeting dates: Jan 13, Feb 6 (Thursday), Mar 6 (Thursday), Apr 14, May 12, and Jun 9.

****MINUTES FROM DECEMBER MEETING****

The December meeting was called to order at 7:07 PM by President Jim Green. Minutes as printed in the newsletter were approved. A Treasurer's report was read and approved.

Old Business: The memory expansion boards were shown, and Gary Bishop stated the hardware committee could install them in the console or the speech box. He also stated that the speech synthesizer could also be installed inside the console if desired. Cost on memory board TBD. Forth class by Jim Trainor starts Jan. 12. If the class is small, it will meet in his new home, if not, a room will be found for the class. The cost is \$20 for a 10 week class. If anyone is interested in joining, contact Jim Trainor or Jim Green. The Graphx packages are in and can be picked up. Cost determined at \$31 ea. Several sample printouts were handed out, and it has large poster capability. HCM was available at \$2.50. Software project nearly complete for a newspaper route program by Bruce Winter. Also, a request was made to help out on a problem in the SHRINK program from our library; contact Dave Dalton.

New Business: Dates for next few meetings were announced. Discussed status of club's disk drive; it was decided to replace it with a new DSDD drive for \$70 price range instead of trying to repair the old one for \$40 or so. Status of defective drive was discussed. Cedar Valley Amateur Radio Association holds a ham fest every year at Hawkeye Downs, which is a swap and shop meeting for radio equipment. This year, they want to hold a combined amateur radio and computer swap and shop. All area user groups have made contact and expressed interest, which means we may need volunteers to man a table during the event. A payment was made to the person that designed our

memory board. A book library list will be attached to the next software library listing. If you have any books you would be willing to lend out, contact Gary Bishop or Bruce Winter. A one half page publicity poster will be printed soon in the newsletter to post for other TI owners. Elections are in March, a nomination committee is headed up by Bruce Winter. If you would like to participate in this committee or run for an office, contact him. A new Texcomp catalog is out. We have a purchase arrangement with Unisource for a rebate to the club. Contact Jerry Canady for Unisource orders. Door prize won by Jonathan Green. Second prize of 4 programs from our library was won by Jerry Canady. It was stated we are on the Databiotics National Advisory Panel, and can order up to 2 copies of software from them at 80% off the list price. The presentation was of Super Sketch, a freehand drawing entry tablet and software. Also, Disk Manager 1000 (Freeware!) was demonstrated. Any assistance with programs would be appreciated by Dave Dalton. Contact him for bringing hardware to the meetings or with help in the presentations.

****NOMINATIONS COMMITTEE****

Even though new officers do not take over our club until MAY 1 of next year, it is time to start thinking about new officers. In reverse order, the following activities must take place:

MAY 1, 1986 New Officers take over
March 6, 1986 Election Night
February 6, 1986 New Officers Nominated
January 1986 Interested people volunteer to run for office

As you can see, people willing to run for office must be rounded up in January. Bruce Winter has volunteered to be Chairman of the Nominations Committee. If you have any interest in an office or if you are interested in seeing our club remain strong, please contact Bruce.

****ADVERTISING OUR GROUP****

This issue of the newsletter contains a page about our group and its meetings. We are asking each of you to post it conspicuously in your neighborhood store, library, or lamp post. Maybe on the back of the bus seat, or as a car bumper sticker! We want others

with TI computers to know we exist, so get out and advertise. Don't forget the bulletin boards where you work, or the local laundromat! Help us help you.

Thanks, Jim

****FORTH CLASS BEGINS JAN 12****

Now that the holidays are behind us, and the bills are starting to come in, it's time to get back to learning more about our magic computer. Our resident teacher and expert, Jim Trainor, has agreed to start a 10 week class on the FORTH language. Class will begin Sunday, January 12, at Jim Trainor's home, 6013 Langdon Ave. S.W., at 2:00 P.M. Instructor fees are \$20.00 for the ten week class. We have about nine club members already signed up, but more are welcome. FORTH requires an expanded system (32K, disk system) to run, but you don't need all that to learn about FORTH and how to program in it. So join the class on January 12! P.S. Those of you who signed up for an assembly language class are not forgotten. Your turn will come!

****32K MEMORY EXPANSION****

The long awaited memory expansion card is now a reality! The group has 18 circuit cards ready to be added to your computer or speech synthesizer for an additional 32K of RAM. Memory chips are now available for only \$2.99 each, so your cost will be only about \$25.00! Since our initial quantity of boards is limited, we must sell them on a first come, first served basis. If you want to add 32K to your computer, call Gary Bishop immediately. The hardware committee will populate the circuit card and install it in your console at no charge. They have also offered to mount the speech synthesizer card in your console at the same time if you wish.

To other user groups: we have not yet decided to make our circuit cards in volume for distribution, but it is certainly easy to do. If your group would be interested in 32K kits, or even the circuit card alone, please write to Jim Green, or leave a message on CompuServe (72277,3521). The card is 1 & 1/2 inches by 4 & 1/2 inches and will fit in the empty space of the speech synthesizer, or can be mounted inside the console. If there is interest, we will make a quantity run. Board price will depend on quantities. Let's agree on a deadline of February 28. J.C.G.

****FOR SALE/WANTED****

- 1) For Sale - UltraComp (\$100) stand alone box with RS-232C and parallel printer port plus an Anderson-Jacobson 300 baud acoustic modem (\$30). Here is your chance to talk to bulletin boards and to connect your serial or parallel printer. Call Dan Davis @ (319) 365-6653.
- 2) For Sale - Okidata 82A Serial Printer, can print foreign language characters, block graphics, and operates anywhere from 300 to 9600 baud. I will also throw in 4 ribbon cartridges and the 25 pin cable, all for \$50 or best offer. I also have a book called **36 TI 99/4A Programs For Home, School, and Office \$4**; a book called **101 TI 99/4A Programs For Home, School, and Office \$6**; Y serial cable for sale
Dave Dalton
- 3) For Sale - I have written and am offering for sale, a new adventure game called **Jack Space on Mars**. This game, which is similar to the choose your own adventure type books, consists of 10 programs that occupy most of both sides of a ten minute tape. The adventure has many graphics type games (It includes an asteroids type game and one 3D game.) as well as the standard print statement format. A clues program is included. All the inputs needed for the question and answer type problems will accept at least three different forms of the correct answer. Extended basic and a tape recorder with a counter are required. A joystick and speech synthesizer are recommended.

The game will be available before the January TI meeting. A demonstration tape with scenes from the adventure will be shown. If interested, come to the meeting or send \$10 to: John C. Johnson 398 Forest Dr., S.E., Cedar Rapids, Ia. 52403.

****CV99'er UG OFFICERS****

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REM

The CEDAR VALLEY 99'er USER'S GROUP NEWSLETTER is published by the Cedar Valley 99'er User's Group in the Cedar Rapids/Marion, Iowa area. Members are encouraged to contribute articles. Opinions expressed are those of the writer and not necessarily those of the Cedar Valley 99'er User's Group, its Officers, editor, or members. Other user groups may copy or use any article published in this newsletter, without the written consent of the CEDAR VALLEY 99'er USER'S GROUP, as long as credit is given to our group.

ew computer? ,700 attend rd TI Faire

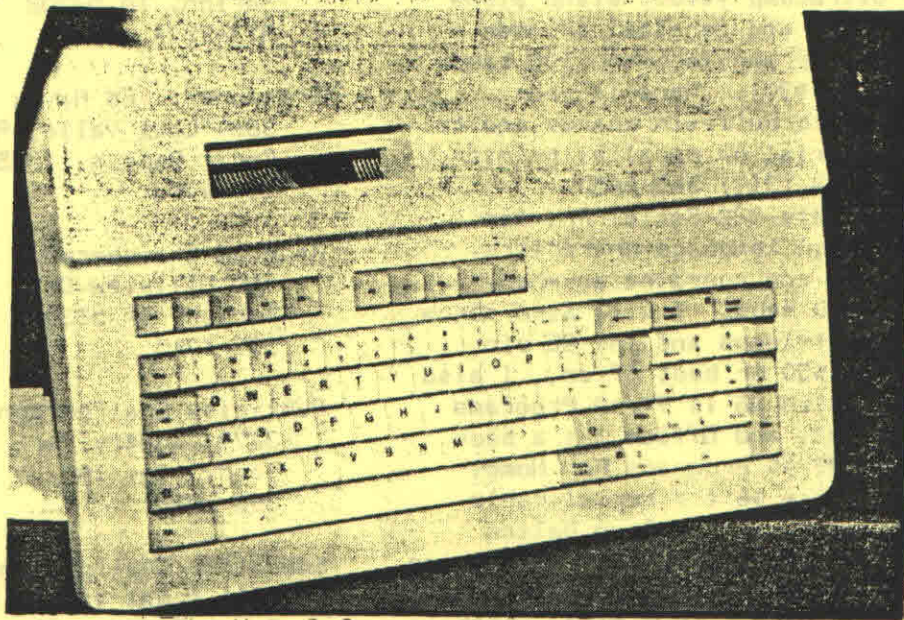
hile there was some disappoint-
t when a new TI compatible com-
r failed to be introduced, most of
1,700 visitors at the third annual
ago TI Home Computer Faire got
: than their money's worth by the
of the seven-hour session.

ld Nov. 2 on the campus of Triton
ge in River Grove, a western
rb of Chicago, the Faire featured
ndors in the exhibition hall. Hun-
attended product-oriented ses-
held by Craig Miller, Lou Phillips
ohn Clulow, Richard Mitchell, of
naster Computer Services, hosted
inar on using Extended BASIC to
s and create files for Microsoft
plan.

e biggest news of the day turned
o be something that didn't hap-
there was no new working com-
to replace the TI99/4A. The hun-
who packed the meeting room
: Phillips, president of Myarc
was expected to unveil the new
uter were somewhat dismayed
Phillips started his mid-
noon session by discussing the
y of his company.

wever, though a working com-
was not available, Phillips
bed the console the company is
ing on and displayed an empty
e and a motherboard that he said
turned into a new computer by
anuary Consumer Electronics
Cost of the machine is expected
n the \$450 range.

rc also failed to demonstrate its
oed Extended BASIC upgrade
e one of 10 disks containing
its of the program had been left
at the company's headquarters
Jersey. The company maintains
distribution of the Extended
upgrade will begin this month.
(Please turn to Page 14)



Pictured is the prototype keyboard of Myarc's TI-compatible computer. The new machine is expected to include 256K of RAM and be compatible with 95 percent of existing TI software.

Myarc outlines plans for 256K computer

The introduction of the prototype keyboard of a new TI99/4A-compatible computer by Myarc Inc. was greeted by a wave of applause from hundreds at the Chicago TI Faire. Lou Phillips, president of Myarc, said of the machine, "this is what we want to see come out the first quarter of next year."

Although the machine does not work at this time, Phillips said it will include 256K of RAM (expandable to 2 megabytes), 64K bytes of VDP RAM, 64K of ROM, parallel output, RS232 port, two internal expansion slots and a cartridge slot mounted on the top of the computer. Phillips said the computer will also support a mouse.

The central processor used in the new computer is the TMS9995, which Phillips described as "very similar to the 9900, only about 2.3 times faster." The 9995 processor, which was first marketed in 1981, is "just as fast as a Motorola 68000 running at 6 megahertz." The 9938 video display

processor will also be used. (The 9938 is being produced in Japan and supports 512 colors, compared to the 16 supported by the TMS9918 used in the 99/4A. The 9938 is compatible with the 9918, Phillips said. The chip also supports an 80-column display.)

Myarc has yet to select a name for the computer, but it the choice may be a play on the company's name, which stands for Microcomputer Architects. "Noah" has been suggested as an appropriate name for the computer.

While little is known about compatibility with existing TI hardware, Phillips noted that it will operate with the company's expansion memory card, using the TI Peripheral Expansion Box as a card cage. The console will be connected to the PEB using a flexible cable, replacing the stiff ribbon cable used to attach the 99/4A to the PEB.

Next month's MICROpendium will include a more complete description of the computer.



*If you've
And get
both EXT
Because
EXTEND
imaginatic
elegant p
Prizes a*

1. Your program Basic and incl access Super language subr.
2. All programs author(s) and domain. Neit Software will rights.
3. Programs may published. J & winning entrie examples to be Extended Bas entries will als. desiring a copy packing and sh
4. All entries mus and include wr necessary.
5. Your entry mus materials:
 - a) Disk contain enter.

S U

TIPS FROM THE TIGERCUB

#28

Copyright 1985

TIGERCUB SOFTWARE
156 Collingwood Ave.
Columbus, OH 43213

NUTS & BOLTS DISK No. 2 is now ready, and I think it's better than the first one. It contains 108 utility subprograms in merge format, including many new character fonts and screen display routines as well as 2-dimensional array sorts, variable line numbers in GOSUB, GOTO and RESTORE, on-screen editing and much, much more. The price is \$19.95 postpaid, or you can order both Nuts & Bolts disks for \$37 ppd.

And I have put together 18 different collection disks each containing 5 or 6 of my catalog programs for just \$12 postpaid. The programs on each disk are all of the same category, and I have filled up the rest of the disk with public domain programs of the same category, as a bonus.

I want to make it very plain that I am NOT - repeat, NOT - selling public domain programs! My own programs on these disks are offered at a great discount and the public domain programs are just thrown in for free! Together with this issue of the Tips I am mailing to each user's group a copy of my catalog #6 with an added page describing these new offerings, and a rebate offer to user's groups.

My catalog will be sent to individuals for \$1, which is deductible from your first order. If you already have my catalog #6, the added page will be sent to you

free on request.

My full disk collections will now be available to bona-fide retailers at standard wholesale prices. Inquiries on your letterhead are invited.

And so, on to old business. Yes, I know that RESequencing a program does not resequence references to line numbers in REMs. I just forgot! In line 278 of the Menu Loader in Tips #27, the reference should be to lines 288 and 298, of course.

While programming the file reader in that menu loader, I ran into a peculiarity of the TI-99/4A that surprised most of the expert programmers whom I called for help. When you "read blind" you must read everything as a string, because attempting to read a string as numeric will crash the program. This is no problem with DISPLAY files - but when I tried it with INTERNAL files, I got the strangest garbage! My solution (not quite fool-proof) was to identify a record as numeric if it was 8 bytes long and contained an ASCII out of printable range, and then RESTORE the file, read back to that point and re-read it as numeric. Not very efficient!

The following routine will save a numeric input in an internal file, read it back out as a string, show you the way it was saved, and then attempt to translate it back to numeric. It works for positive and negative integers or non-integers of not less than -99, but not for less than that.

```
100 INPUT X :: OPEN #1:"DSK1
.TEST",INTERNAL,OUTPUT :: PR
INT #1:X :: CLOSE #1
110 OPEN #1:"DSK1.TEST",INTE
```

```
RNAL,INPUT :: INPUT #1:A$ ::
PRINT A$ :: CLOSE #1
120 FOR J=1 TO 8 :: PRINT AS
C(SEG$(A$,J,1)):: NEXT J
130 FOR J=1 TO 8 :: A(J)=ASC
(SEG$(A$,J,1)):: NEXT J
140 X=A(1)-63 :: IF X<73 THE
N 150
```

```
142 X=192-A(1):: N$="-" :: F
OR J=2 TO X+1 :: N$=N$&STR$(
256-A(J)):: NEXT J :: GOTO 1
60
```

```
150 FOR J=2 TO X+1 :: N$=N$&
STR$(A(J)):: NEXT J
160 IF A(J)<>0 THEN N$=N$&".
"&STR$(A(J))
```

```
170 J=J+1 :: IF A(J)<>0 THEN
N$=N$&STR$(A(J)):: GOTO 170
180 N=VAL(N$):: N$="" :: PRI
NT N :: GOTO 100
```

So, here is another Tigercub Challenge! Can you fix it? Let's HEAR from you this time!

Another problem that I ran into was in recovering from an I/O error. When ON ERROR is used to prevent crashing on such an error, the file is "ajar" - you can't close it and you can't open it. My solution was to simply RUN the program again - and this will show you how the pre-scan speeds that up. Since then, I have learned of three other ways. The method described in the Sydney (Australia) newsletter is a bit complicated, but Irwin Hott gave me a simple solution - just increment the file number! Works fine if you don't increment it into the number of another open file on the disk. Chuck Grimes gave me an even better way - open and close anything else, even "PIO"! Example -

```
100 ON ERROR 110 :: OPEN #1:
"DSK1.TEST",OUTPUT :: PRINT
"CONTINUE PROGRAM" :: END
110 OPEN #1:"PIO" :: CLOSE #
1 :: PRINT "I/O ERROR":"CHEC
K DISK AND DRIVE":"THEN PRES
S ANY KEY" :: ON ERROR STOP
120 CALL KEY(0,K,S):: IF S=0
THEN 120 ELSE 100
```

There is a reason for that ON ERROR STOP, and it's why I don't use ON ERROR if I can avoid it. When an error occurs, the program goes to the line number specified by the last open ON ERROR statement, takes whatever action is directed by that line, and RETURNS as directed. If the error was not one that you expected to happen, the results can be very confusing!

For that reason, when you set out to modify a program, the first thing you should do is delete, temporarily, all the ON ERROR statements. The next thing you should do, if the program has a routine to turn off the pre-scan, is to disable that. Otherwise, you will be driven crazy by invalid SYNTAX ERROR messages and other strange happenings.

The third thing you should do is to make a list of all the lines that a GOTO or GOSUB goes to, so you don't delete or change them. And here is a program to do just that for you -

```
100 !GO-SEARCH by Jim Peters
on searches a MERGE format f
ile, finds all line numbers
containing a jump, sorts int
o "to" line number sequence,
110 !prints "to" line number
, statement (GO, GOTO or GOS
UB) and "from" line number
120 DIM C(200):: A=1 :: GO$(
1)="GO" :: GO$(2)="GOTO" ::
GO$(3)="GOSUB"
130 INPUT "FILENAME? DSK1.":
F$
140 OPEN #1:"DSK1."&F$,INPUT
,VARIABLE 163 :: OPEN #2:"P
IO"
150 LINPUT #1:A$
160 IF POS(A$,CHR$(133),1)=0
AND POS(A$,CHR$(134),1)=0 A
ND POS(A$,CHR$(135),1)=0 THE
N 210
170 LN=ASC(SEG$(A$,1,1))-256
+ASC(SEG$(A$,2,1)):: T=133 ::
P=1
180 G$=CHR$(T):: X=POS(A$,G$
```

```

,P):: IF X=0 THEN 200 :: LRE
F=ASC(SEG$(A$,X+2,1))=256+AS
C(SEG$(A$,X+3,1))!:: PRINT #
2:LN;G0$(T-132);LREF :: P=X+
1 :: GOTO 180
190 C$=STR$(LREF)&". "&STR$(L
N)&STR$(T-132):: C(A)=VAL(C$
):: A=A+1 :: P=X+1 :: GOTO 1
80
200 IF G$=CHR$(135)THEN 210
:: T=T+1 :: P=1 :: GOTO 180
210 IF EOF(1)THEN CLOSE #1 :
: GOTO 220 :: ELSE 150
220 A=A-1 :: CALL LONGSHELLN
(A,C(1))
230 FOR J=1 TO A :: A$=STR$(
C(J)):: X=POS(A$,".",1):: Y=
VAL(SEG$(A$,LEN(A$),1)):: A$
=SEG$(A$,1,LEN(A$)-1)
240 PRINT #2;SEG$(A$,1,X-1);
TAB(7);G0$(Y);" FROM ";TAB(2
1);SEG$(A$,X+1,LEN(A$)):: NE
XT J
250 SUB LONGSHELLN(N,NN(1))
260 D=N
270 D=INT(D/3)+1 :: FOR I=1
TO N-D :: IF NN(I)<NN(I+D)T
HEN 300 :: T=NN(I+D):: J=I
280 NN(J+D)=NN(J):: J=J-D ::
IF J<1 THEN 290 :: IF T<NN(
J)THEN 280
290 NN(J+D)=T
300 NEXT I
310 IF D>1 THEN 270
320 SUBEND

```

According to the User's Reference Guide that came with your computer, if you open a file without specifying INPUT, OUTPUT, UPDATE or APPEND, the computer will assume the UPDATE mode as the default and "UPDATE files may be both read and written. The usual processing is to read a record, change it in some way, and then write the altered record back out on the file." This is a very dangerous bit of misinformation! It is true only if you are using RELATIVE files with the REC clause. In any other case, the first record you write to the file will become the record FOLLOWING the last record you read, and it will also become the

LAST record in the file - any records beyond that point will be lost! The moral of the story - get in the habit of NEVER opening a file without specifying the mode. The only way to update a sequential file is to read it ALL into an array, update it, and then write it back to the file.

I reviewed hundreds of programs, in my PD library of about 2600, in order to select some of the best to fill up the collection disks. Often they needed only a few minor changes to greatly improve them. One frequent flaw was in interpreting the status of CALL KEY. The User's Reference Guide says that a status variable of -1 means that "the same key was pressed during the performance of CALL KEY as was pressed during the previous performance." This is misleading. It actually means that the same key is STILL BEING pressed. Try this -

```

100 DISPLAY AT(12,1)ERASE AL
L:"TYPE YOUR NAME" :: R=12 :
: C=3
110 CALL KEY(0,K,S):: IF S=0
THEN 110 :: DISPLAY AT(R,C)
:CHR$(K):: C=C+1 :: GOTO 110

```

Difficult to type without unwanted repetition of letters? Now try changing the S=# to S<1 ! IF S<1 (if S is less than 1) means that if no key is pressed (S=#) or if the same key is still being held down (S=-1) then CALL KEY again.

Another frequent flaw is INPUT "WANT TO PLAY AGAIN?" :Q\$:: IF Q\$<>"Y" THEN END - or, more professionally programmed, IF SEG\$(Q\$,1,1)<>"Y" THEN.... which will accept either "Y" or "YES" as a reply. The problem is still that this

question is often asked at the end of a joystick game, for which the Alpha Lock will be unlocked - and a response of a lower case "y" then terminates the program! One solution is to precede the INPUT with a dummy CALL KEY(3,K,S), which will cause any subsequent upper case CALL KEY, INPUT, LINPUT or ACCEPT AT response to be read as lower case until you turn it off with CALL KEY(5,K,S).

Here's one that does nothing except look pretty.

```

100 DISPLAY AT(3,8)ERASE ALL
:"COLORSQUARES" :: DISPLAY A
T(8,1):"Select option 1, 2 o
r 3" ! by Jim Peterson, Tig
ercub Software
110 CALL KEY(0,K,ST):: IF ST
=# OR K<49 OR K>51 THEN 110
:: ON K-48 GOTO 150,120,130
120 FOR CH=38 TO 142 STEP 8
:: CALL CHAR(CH,RPT$("A55A",
4)):: NEXT CH :: GOTO 150
130 FOR CH=38 TO 142 STEP 8
:: FOR L=1 TO 4 :: RANDOMIZE
:: X$=SEG$("@#18243C425A667
EB199A5BDC3DBE7FF",INT(16#RN
D+1)*2-1,2)
140 B$=B$&X$ :: C$=X$&C$ ::
NEXT L :: CALL CHAR(CH,B$&C$
):: B$,C$=NUL$ :: NEXT CH
150 CALL CLEAR :: RANDOMIZE
:: FOR SET=#-(K-49)TO 14 ::
CALL COLOR(SET,SET+2+(K-49),
SET+2):: NEXT SET
160 Y=INT(4#RND+3):: R=INT(1
2#RND+1):: R2=25-R-Y :: C=IN
T(7#RND+7):: C2=32-C-Y :: IF
K=49 THEN X=INT(14#RND+1)*8
+22 ELSE X=INT(13#RND+1)*8+3
0
170 FOR T=R TO R+Y :: CALL H
CHAR(T,C,X,Y):: CALL HCHAR(T
,C2,X,Y):: NEXT T
180 FOR T=R2 TO R2+Y :: CALL
HCHAR(T,C,X,Y):: CALL HCHAR
(T,C2,X,Y):: NEXT T :: GOTO
160

```

The asterisk on the Gemini printer looks rather like a bug squashed side- ways, and it was confusing some folks in the condensed print of my

newsletter, so I improved it with this -

```

150 PRINT #2;CHR$(27);CHR$(4
2);CHR$(1);CHR$(42);CHR$(0);
CHR$(8);CHR$(34);CHR$(8);CHR
$(0);CHR$(62);CHR$(0);CHR$(8
);CHR$(34);CHR$(8);

```

And at the same time I improved the slashed zero -

```

140 PRINT #2;CHR$(27);CHR$(4
2);CHR$(1);CHR$(48);CHR$(0);
CHR$(64);CHR$(30);CHR$(96);C
HR$(17);CHR$(72);CHR$(5);CHR
$(66);CHR$(61);CHR$(0);

```

```

90 !THIS WON'T WORK, WILL IT
?
100 DISPLAY AT(9999,9999)ERA
SE ALL;SEG$("CAN'T DO THAT!",
1,3)&SEG$("CAN'T DO THAT!",
6,8)

```

If the Tigercub Math Puzzle in Tips #27 was a bit too tough, these changes will add a couple of easier levels.

```

105 DISPLAY AT(6,1):"Level 1
, 2, 3 or 4?" :: ACCEPT AT(6
,21)VALIDATE("1234"):L$ :: L
=VAL(L$)
106 IF L<3 THEN M$="Insert +
, -, or * (multiply)" ELSE M
$="Insert +, -, ÷ (multiply)
or / (divide)"
110 DISPLAY AT(5,1):M$;" bet
ween the digits:" to equal
the total": "Type 0 to give
up"
120 ! **DELETED LINE **
130 DISPLAY AT(12,1):" " ::
T,X=INT(9#RND+1):: M$=STR$(X
):: Z$=M$&" "
140 FOR J=1 TO 4 :: Y(J)=INT
(9#RND+1):: @=3+ABS(L-2):: Z
=INT(@#RND+1):: ON Z GOSUB 2
40,250,260,270 :: Z$=Z$&STR$
(Y(J))&" " :: NEXT J
150 IF L/2<>INT(L/2)AND T<>I
NT(T)THEN 130 :: Z$=Z$&"="&S
TR$(T)

```

MEMORY FULL

Jim Peterson

12/29/75

E. M. Smith
3506 Garden Dr.
Knoxville, TN 37918

Memo to TI-99/4A USERS GROUPS:

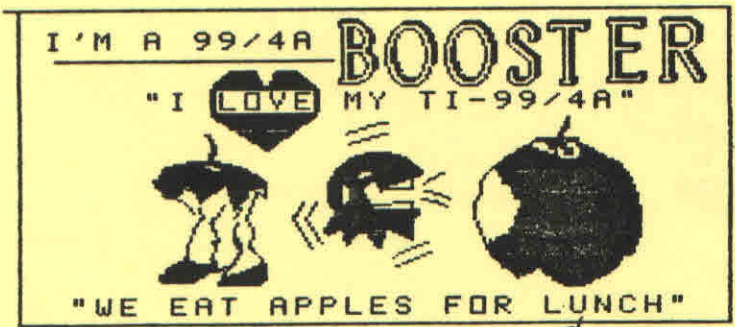
The inclosed advertising copy was designed to promote sales of a BOOSTER STICKER that was developed as a tool to promote membership in the K-Town 99/4A Users Group. In a survey of that Group over 50% of the members present at the December Meeting endorsed the project with a price tag of \$1.50 Ea. However, by purchasing larger quantities than can be justified for that Group the price tag can be reduced by one third or \$1.00 Ea. It was suggested that we share the idea with other Users Groups in order to attain the necessary quantity to achieve the lower price.

Therefore, as an introductory offer and survey of the market potential I am personally underwriting this project. If your response is favorable, the Booster Sticker will be advertised in Micropendium and other computer publications at the higher price.

Because of postage and processing costs the minimum purchase, I can accept at the dollar price, is quantities of ten or more. Smaller purchases will be honored at the prices specified in the inclosed advertisement. In order that I might set a shipping date for orders at this price I must receive your order and payment by February 15 th.. Orders received after February 15 and before March the first will be honored on the basis of availability. Orders received by the 15th. of February will be processed the week of March 10. Depending on availability, late orders will be processed two weeks later. If first printing is not adequate to fill late orders the money may be returned or held for second printing if demand justifies. Please specify your preference if you are ordering late. If those who are ordering late select the refund option, it would be very helpful if a self-addressed envelope was inclosed with the order.

Since we are TI Orphans it behooves all of us to identify ourselves as dedicated TI Users. I have found such identification to be very beneficial. I receive many tips on availability of both hardware and software by individuals who have abandoned the TI. And by BOOSTING my TI I have recruited new Users and found hardware and software for them. We can remain alive and well for an extended time frame if we serve each other in this manner. We can even create growth in the market place for third party hardware and software developers.

I am not certified for you to use your credit cards so I must ask you to make payment in the form of check or money order. Make payable to E.M. Smith and inclose with your order and mail to the above address. As a reference I advise you that I am the treasurer of the K-Town 99/4A Users Group and have been for nearly two years. The Group uses my personal address and telephone number for various forms of communication.



FULL SIZE IS 3 1/2" X 7 5/8"

THIS MINATURE COPY OF THE BOOSTER STICKER IS PROVIDED FOR YOUR USE IN YOUR NEWSLETTER IF YOU SO DESIRE. Sorry, but I can not justify advertising costs in each newsletter. By underwriting the costs of this project I have already exposed myself to considerable financial risk. From my viewpoint, I believe I am offering you a bargain that has a lot of potential for serving your best interests. I need orders for 10000 stickers to get into the profit coluan.

T199/4A OWNERS

- CEDAR VALLEY 99'er USERS' GROUP
- MEETINGS HELD SECOND MONDAY OF EACH MONTH
AT 7:00 P.M. - JUNIOR ACHEIVEMENT BUILDING
330 COLLINS ROAD N.E., CEDAR RAPIDS
- NEXT MEETINGS - JAN 13, FEB 6, MAR 6, APR 14

• COME JOIN US!
FAMILIES WELCOME!!!

Cedar Valley 99'er User's Group
288 Windsor Dr. NE
Cedar Rapids, IA 52402

GARY BISHOP
124-222
860 WESTVIEW DR
MARION IA 52302