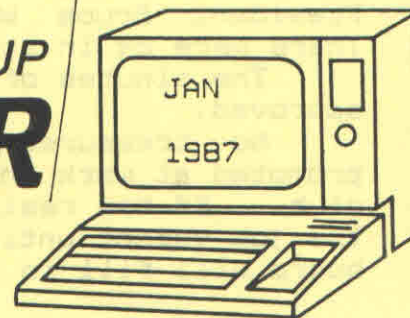# CEDAR VALLEY 99'ER USER GROUP NEWSLETTER

JAN 1987

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****NEWSLETTER TOPICS****

1. Future Meeting Dates
2. Next Meeting Notes
3. Minutes From Jan Meeting
4. Membership Renewal Notice
5. Feb. Meeting Additions
6. Elections-Elections
7. Newsletter Needs & Notes
8. For Sale/Trade/Wanted
9. Tips from the Tigercub
10. Speedy Call Key
11. Noise Polution? Solution!
12. Cassette System Help

****FUTURE MEETING DATES****

Please mark the following dates on
your calendar for future meetings:
FEBRUARY 9, MARCH 9, APRIL 13.

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

Monday, Feb. 9, 7:00 PM at the JA
building, 330 Collins Rd. NE.
Special Interests continued. With a
little luck we will have our systems
and Multiplan leader at the meeting.
We will continue our efforts from
last meeting. Let us know what
changes you would like!

ELECTIONS ARE IN MARCH!! BE AVAILABLE FOR NOMINATIONS!! HELP THE GROUP!!!!

****MINUTES FROM JAN MEETING****

The meeting was called to order at 7:05 PM on January 12, 1987 by Vice President Bruce Winter. President Jim Green was out of town on business. There were 24 in attendance.

The minutes of the December meeting as printed in the newsletter were approved.

No treasurer's report was available. Treasurer Ed Hayek has been promoted at work and does not have the time to fulfill his duties for the club. Ed has resigned his post. The executive board has decided to leave the job vacant until the next club election. The other members of the board will fill in for him. Best of luck Ed in your promotion.

New Business - A nomination committee for new club officers is needed. Anyone who wishes to volunteer for this task please contact V.P. Bruce Winter. Anyone who wishes to volunteer for a club office may also give their name to Bruce or to one of the committee members who should be announced shortly.

Old Business - None was noted.

New Products - An IBM compatible conversion for the TI was announced. More information will be printed in the newsletter when it is available.

Announcements -

By Gary Bishop-Gary is working with Phil White to set up uses for donated TI equipment for use by handicaped children. Any ideas you might have please pass on to Gary. Some suggestions they are currently working on are: a learning device using the joystick input to a light box output and uses of the speech synthesizer. He also would like help in programming.

By Richard Watters-The New Testament is now available in disk form. See Richard for more information.

By Jerry Canady-Disk Manager 1000 freeware. The new Version 3.5 is available. Any one wishing to have the update for your system see Jerry with your donation.

The program for the evening was 'THREE CORNER SPECIAL INTEREST' as announced in the January Newsletter. Thanks Jerry, Bruce and Ed.

-submitted by Bill Paeth, acting secretary.

IN +0

MEMBERSHIP RENEWAL NOTICE: (LAST NOTICE)

The groups bylaws require a continuation of newsletter mailings for the first 3 months of the new year. If you have not renewed your membership you will receive NO MORE newsletters. So please bring your renewal to the next meeting or mail it to the address on the reverse of the membership form published in the October mewsletter.

THE XT COMPATIBLE:

If you are on Tritons mailing list you should have received a flyer announcing their compatible add on. If you haven't seen it I will bring my copy to the meeting.

FEBRUARY MEETING ADDITIONS:

We neglected to make arrangements for systems for this month. If we can impose on those who brought systems for Jan. to do so again it would be greatly appreciated, THANKS!!! If you cannot please call one of the officers so other arrangements can be made.

The prime emphasis will be a continuation of last month. Please let us know if you would like us to prepare for something special, a problem you would like us to bring a solution for, etc.?

ELECTIONS--ELECTIONS--ELECTIONS!!!!!!

Elections will be held in March for officers to take the reins in May. The existing officers have been in office for 2+ years and feel it is time for new blood. PLEASE! Do a deep soul search and make your name available for nomination or consider a committee assignment.

Remember the work is not hard and the educational benefits are tremendous. I have found that more active participation has increased my coputer knowledge and use. When I feel I could spend my time on more productive things, I note those productive minutes are normally looking at a screen with pictures floating on it. Great use of time?????

NEWSLETTER NEEDS & NOTES:

The TIPS FROM THE TIGERCUB #41 appearing in this issue is the last of Jim Peterson's tips to be published. In his letter with this issue he noted a need for time for other endeavors. He is not leaving the TI world and will still be selling the Tips disks, Nuts and Bolts disks and his other software. Mr. Petersons contribution to the TI users community has been of great service. He deserves our heartfelt THANKS!! and continued support. We wish him well in all his pursuits.

The loss of the Tips leaves a large void in our newsletter. I feel we have more than sufficient potential to replace these pages without resorting to additional reprints from other newsletters. I believe it is too great now. We will need to think hard and determine the type of newsletter we desire. If you have ideas for articles or interests you could relate lets discuss them at the next meeting. Remember that inputs do not need to be formal, formated, on media or spelled correctly. That is the editors job. Lets roll out the information!!!!!!

FOR SALE/TRADE/WANTED:

This section of the newsletter is available at no charge for your classified advertisements. I would appreciate a call if you have completed a transaction or wish your item listed for more than one month.

FOR SALE: P Box with; 32K, TI controller, SSSD drive; Good shape. $400 delivered or $375 if you pick up. Kevin Sagan (319) 583-0488 after 5 PM.

WANTED: Mini-Memory, Statistics, QUME 142 drive manual. Jerry Canady 377-9382.

The following items were gleaned from the SUNCOAST BEEPER Nov. 86 issue, from St Petersburg, Florida, with our thanks!

SPEEDY CALL KEY:

And for an oldie but goodie, back in 1985 Joe Spiegel wrote an article in AACC in which he proclaimed the fastest way known to detect a key press in console basic; to wit:

```
300 FOR S=0 TO -1 STEP -1
310 CALL KEY (0,K,S)
320 S=S-1 ! (Yes, this IS the way it should be.)
330 NEXT S
```

The idea is this. If a key was not pressed when 310 was executed, S will be equal to zero when line 320 is executed. Line 320 will evaluate the expression to be false and thus set S equal to zero. Since S is also the FOR-NEXT loop variable, it will never reach the condition of S=-1 to end the loop until a key is pressed. Neat? It is even faster in extended basic when you put all of the statements on one line seperated by double colons. If you count every nano second you'll be delighted.

NOISE POLUTION? SOLUTION!

I've heard a number of people over the years mention having a problem with background noise when using a television set as a monitor with their computer. A couple of days ago I came across this fix published by the Kentuckiana 99/4A Computer Society. I hope it's of some help to anyone who might need it.

TV NOISE SOLUTION

When experiencing background noise, such as humming or buzzing, with the TI modulator and your TV, a slight adjustment of the modulator will usually clear up the problem.

1.) Turn the volume of the television all the bay down.
2.) Select the Master Title Screen on the computer.
3.) Fine tune the television for best picture.
4.) Use a small screwdriber to carefully remove the cover from the modulator.
5.) Increase the television volume to 1/2 of the control range.
6.) Insert the blade of the small screwdriver into the slotted core of the coil marked L3 on the printed circuit board. This core will crack if too much force is used.
7.) While listening to the buzz on the television speaker, slightly rotate the core no more than 1/8 turn in either direction until the buzz is at a minimum.
8.) Replace the modulator cover.

* *

REMEMBER ELECTIONS—-ENTER YOUR NAME!!

* *

TIPS FROM THE TIGERCUB

#41

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TIGERCUB SOFTWARE
156 Collingwood Ave.
Columbus, OH 43213

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Over 130 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, deductable from your first order.

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 REFLEX AND CONCENTRATION, TWO-PLAYER GAMES, KID'S GAMES, MORE GAMES, WORD GAMES, ELEMENTARY MATH, MIDDLE/HIGH SCHOOL MATH, VOCABULARY AND READING, MUSICAL EDUCATION, KALEIDOSCOPES AND DISPLAYS

NUTS & BOLTS (No. 1), a full disk of 100 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.

TIPS FROM THE TIGERCUB, a full disk containing the complete contents of this newsletter Nos. 1 through 14, 50 original programs and files, just $15 postpaid.
TIPS FROM THE TIGERCUB VOL. 2, another diskfull, complete contents of Nos. 15 through 24, over 60 files and programs, also just $15

############################
#   #
TIPS FROM THE TIGERCUB
VOL. 3 is now ready.
Another 62 programs,
routines, tips, tricks
from Nos. 25 thru 32.
Also $15 postpaid.
#   #
############################

############################
#   #
TIPS FROM THE TIGERCUB
Vol. 4 is now ready.
Another 48 programs,
routines, tips, tricks
from Nos. 33 thru 41.
Also $15 postpaid. Any
two Tips disks for $27,
any 3 for $35, all 4
for $42, postpaid.
#   #
############################

This will be the last issue of the Tips from the Tigercub.

I started this newsletter over 3 years ago, as a means of promoting my software business. It has never been a success for that purpose, but I have kept it going because of the many interesting newsletters that I have received in exchange, and the many friends that I have made around the world.

I know, from the editors' comments in many of your newsletters, that many of you are finding it difficult to finance a newsletter for your shrinking membership, and even more difficult to find the time, and the material to print. For a one-man user's group pretending to be a business which is getting very little business, it has become impossible. User group members have never been good customers for anyone's software, for reasons which you all know, and those who are remaining active in the TI world are wanting more sophisticated software than I have to offer.

Some of you have offered to subscribe to my Tips, but I just don't have the time to get involved in anything like that. I have had some other projects on the back burner for too long, and it's time I got to work on them - they can hardly turn out to be less profitable than trying to sell software!

I am NOT going out of business, and I am NOT releasing my programs to the public domain. I will continue to sell them, and will continue some classified advertising.

My heartfelt thanks to the many user group editors and officers who have tried in many ways to encourage and help me. Many thanks to those who have purchased my programs.

I will greatly miss your

newsletters. I do hope to keep in contact with some of you. Perhaps now I can find time to browse in the TI sections of CompuServe or GENIE, and perhaps I will meet you there.

The answer to the challenge in the last Tips? For a clue, try -
DISPLAY AT(24,1):0 in Basic.
Still don't get it? In Basic, DISPLAY is the same as PRINT, but AT is not recognized, so the computer thinks you are telling it to print the variable AT(1,1) - which, being undefined, is 0 - and advance to the next line (the :) and print 0.

I have always wanted a pocket calculator with several memories and a window to display the contents of each one. So, since there is plenty of room for windows on a TV screen, I wrote one.

It does not require any use of the Enter key, but each CALL KEY input must be validated and processed, so don't type too fast. It will accept such inputs as M1=7= or M1=7+1= or M2=1-M1= to put a value in a memory, or 6+7= or 6+M2= to calculate and display, or 6+7M1 or M1-.M2M3 to calculate and put into memory, and will even do multiple calculations such as 1+2-3/4*5%6, subtotaling after the first two.
100 CALL CLEAR :: CALL SCREE N(5):: DEF S$(X)=SEG$(A$,X,1)&" = " :: CALL PEEK(8198,A) :: IF A<>170 THEN CALL INIT
110 CALL LOAD(-31806,16):: O N WARNING NEXT :: GOTO 140
120 SET,M$(),K,S,A$,S$(),R,C ,N,N1,N2,N1F,N2F,M1F,M,MF,DF ,FF,VF,EF,FL,N$,F2,T,M2,MEM( ),ST,NX,ZF
130 CALL COLOR :: CALL CHAR :: CALL KEY :: CALL SOUND !@ P-
140 FOR SET=0 TO 4 :: CALL C

```
OLOR(SET,16,1):: NEXT SET ::
 FOR SET=5 TO 8 :: CALL COLO
R(SET,5,16):: NEXT SET :: CA
LL CHAR(64,"#")
150 FOR SET=9 TO 12 :: CALL
COLOR(SET,16,1):: NEXT SET
160 DISPLAY AT(1,10):"TIGERC
UB":"  MULTIMEMORY@CALCULAT
OR":"MEMORY #1":"MEMORY
#2":"MEMORY #3":"MEMORY
#4":"MEMORY #5"
170 M$(1)="#123456789.+-*/%=
CXM" :: M$(2)="#123456789.AS
MDPECXM" :: DISPLAY AT(20,1)
:"use ?":"(1) symbols":"(2)
alpha characters"
180 CALL KEY(0,K,S):: IF S=0
 OR K<49 OR K>50 THEN 180 ::
A$=M$(K-48)
190 DISPLAY AT(20,1):S$(12);
"add";TAB(16);S$(16);"percen
t" :: DISPLAY AT(21,1);S$(13
);"subtract";TAB(16);S$(17);
"equals"
200 DISPLAY AT(22,1);S$(14);
"multiply";TAB(16);S$(18);"c
ancel" :: DISPLAY AT(23,1):S
$(15);"divide by";TAB(16);S$
(19);"clear all"
210 DISPLAY AT(24,1):"M1 to
M5 = memories #1 to #5"
220 R=15 :: C=1 :: N,N1,N2,N
1F,N2F,M1F,M,MF,DF,FF,VF,EF,
FL,ZF=0 :: N$="" :: DISPLAY
AT(18,1):""
230 CALL KEY(3,K,S):: IF S<1
 THEN 230 :: CALL SOUND(50,5
00,5):: DISPLAY AT(R,C):CHR$
(K):: C=C+1
240 ON POS(A$,CHR$(K),1)+1 G
OTO 260,270,270,270,270,270,
270,270,270,270,270,280,290,
250,290,290,290,340,410,420,
430
250 IF VF=1 OR MF=1 THEN 290
 :: ZF=1 :: N$="-" :: GOTO 2
30
260 DISPLAY AT(R,C-1):"?" ::
C=C-1 :: GOTO 230
270 IF MF=1 THEN 260 :: FL=0
 :: VF=1 :: IF DF=0 AND ZF=0
 THEN N=N*10+K-48 :: GOTO 23
0 ELSE N$=N$&CHR$(K):: GOTO
230
280 IF DF=1 THEN 260 :: DF=1
 :: MF,FL=0 :: IF ZF=1 THEN
N$=N$&"." :: GOTO 230 ELSE N
$=STR$(N)&"." :: GOTO 230
290 IF C=2 OR FL=1 THEN 260
:: FL=1 :: IF FF=0 THEN 320
```

```
300 F2=POS(A$,CHR$(K),1)-11
:: IF VF=1 THEN GOSUB 480
310 GOSUB 520 :: N1=T :: DIS
PLAY AT(18,1):"SUBTOTAL";T
: N2F,N2=0 :: FF=F2 :: GOTO
230
320 IF VF=0 THEN 330 :: VF,M
F=0 :: GOSUB 480
330 MF=0 :: FF=POS(A$,CHR$(K
),1)-11 :: GOTO 230
340 IF C=2 OR(FF=0 AND M1F=0
)OR(C=4 AND M1F=0)OR FL=1 TH
EN 260
350 IF C=4 THEN EF=1 :: M2=M
 :: N1F,MF=0 :: GOTO 230
360 IF VF=1 THEN GOSUB 480
370 IF EF=0 THEN 400
380 IF N2F=0 THEN MEM(M2)=N1
 :: DISPLAY AT(M2*2+2,11):N1
 :: GOTO 220
390 GOSUB 520 :: MEM(M2)=T :
: DISPLAY AT(M2*2+2,11):T ::
 GOTO 220
400 GOSUB 520 :: DISPLAY AT(
15,C):T :: GOTO 220
410 DISPLAY AT(R,1):"":"":""
:"" :: GOTO 220
420 MEM(1),MEM(2),MEM(3),MEM
(4),MEM(5)=0 :: FOR R=4 TO 1
2 STEP 2 :: DISPLAY AT(R,10)
:"" :: NEXT R :: GOTO 410
430 IF EF=1 AND MF=1 THEN 26
0
440 CALL KEY(3,K,ST):: IF ST
<1 OR K<49 OR K>53 THEN 430
ELSE CALL SOUND(50,500,5)::
M=K-48 :: DISPLAY AT(R,C):CH
R$(K):: C=C+1 :: MF=1 :: FL
=0 :: IF VF=1 THEN GOSUB 480
450 IF N1F=0 THEN M1F,N1F=1
:: N1=MEM(M):: IF ZF=1 OR DF
=1 THEN N1=VAL(N$&STR$(N1)):
: DF,ZF=0 :: GOTO 230 ELSE 2
30
460 IF N2F=0 THEN N2F=1 :: N
2=MEM(M):: IF ZF=1 OR DF=1 T
HEN N2=VAL(N$&STR$(N2)):: DF
,ZF=0 :: GOTO 230 ELSE 230
470 GOSUB 520 :: MEM(M)=T ::
 DISPLAY AT(M*2+2,11):T :: G
OTO 220
480 IF DF=0 AND ZF=0 THEN NX
=N ELSE NX=VAL(N$):: DF,ZF=0
490 IF N1F=0 THEN N1=NX :: N
1F=1 :: GOTO 510
500 N2=NX :: N2F=1
510 VF,N=0 :: N$="" :: RETUR
N
520 IF FF=1 THEN T=N1+N2 ELS
E IF FF=2 THEN T=N1-N2 ELSE
```

```
IF FF=3 THEN T=N1*N2 ELSE IF
 FF=4 THEN T=N1/N2 ELSE T=N1
*N2/100
530 RETURN


     I have always been annoyed
by the difficulty of hyphen-
ating with TI-Writer, when I
want to avoid the gaping
holes that wraparound and
Fill and Adjust can cause.
Manually filling and adjust-
ing with carets is slow, and
leaving a space after the
hyphen is unreliable, so I
wrote this program.

100 DISPLAY AT(2,10)ERASE AL
L:"TIGERCUB":"  HYPHENATED F
ILL AND ADJUST"
110 DISPLAY AT(6,1):" Prepar
e text with TI-Writer":"Edit
or. Leave left TAB at 0,":"s
et right TAB  at the actual"
:"value of the line length d
e-"
120 DISPLAY AT(10,1):"sired
(i.e.,  for a 28-char":"lin
e, set it at 28)."
130 DISPLAY AT(12,1):" Inden
t as desired. Center":"hea
dings  as desired but be":"
sure to  follow them with a
":"line feed (Enter). Hyphen
ate"
140 DISPLAY AT(16,1):"as de
sired  and  follow the":"hyp
hen immediately with a":"
line feed (Enter)."
150 ON ERROR 160 :: GOTO 170
160 ON ERROR 160 :: RETURN 1
70
170 DISPLAY AT(20,1):"INPUT
FILE? DSK" :: ACCEPT AT(20,1
6)BEEP:F$ :: OPEN #1:"DSK"&F
$,INPUT
180 DISPLAY AT(22,1):"OUTPUT
 FILE? DSK" :: ACCEPT AT(22,
17)BEEP:NF$ :: OPEN #2:"DSK"
&NF$,OUTPUT
190 DISPLAY AT(24,1):"LINE L
ENGTH?" :: ACCEPT AT(24,14)V
ALIDATE(DIGIT):L
200 LF$=CHR$(13):: H$="-"&CH
R$(13)
210 ON ERROR 210 :: GOTO 220
220 ON ERROR 210 :: RETURN 3
10
230 LINPUT #1:M$ :: IF M$="
" OR M$=LF$ OR M$="" OR ASC(
```

```
M$)>127 OR(LEN(M$)=L AND POS
(M$,LF$,1)=0)OR POS(M$," ",1
)=0 THEN 310
240 IF POS(M$,LF$,1)<>0 AND
POS(M$,H$,1)=0 THEN 310
250 IF POS(M$,H$,1)<>0 THEN
M$=SEG$(M$,1,LEN(M$)-1)
260 IF LEN(M$)=L THEN 310
270 P=1
280 X=POS(M$," ",P):: IF X=P
 THEN P=P+1 :: GOTO 280 ELSE
Y,P=X :: IF POS(M$," ",P)=0
OR P=L THEN 310
290 M$=SEG$(M$,1,X)&" "&SEG$
(M$,X+1,255):: IF LEN(M$)>=L
 THEN 310 ELSE P=X+2
300 X=POS(M$," ",P):: IF X=0
 THEN P=Y :: GOTO 300 ELSE G
OTO 290
310 PRINT #2:M$ :: IF EOF(1)
<>1 THEN 230 ELSE CLOSE #1 :
: CLOSE #2

     Here  is  one for the pre-
schoolers -
100 CALL CLEAR :: CALL SCREE
N(14)::*CALL COLOR(1,11,11,1
2,5,5):: DISPLAY AT(3,10):"S
EE-N-SAY": : :"PRESS ANY KEY
" !by Jim Peterson based on
a routine by Michael Lyons
110 DIM E$(16),PAT$(16):: CA
LL CHAR(123,RPT$("F",16))
120 DATA "    "," (","  {
 "," {{","  { "," { {","  {{
 "," {{{","  {  {","  {  {
 "," {  {{ "," {{","  {{ {
 "," {{ {{","  {{ {","  {{{
 "," {{{{"
130 FOR J=0 TO 15 :: READ PA
T$(J):: NEXT J
140 CALL KEY(0,K,S):: IF S=0
 THEN 140
150 CALL CHARPAT(K,CP$):: FO
R X=1 TO 16 :: Y=ASC(SEG$(CP
$,X,1)):: E$(X)=PAT$(Y+(Y>57
)*7-48):: NEXT X :: IF K>96
AND K<123 THEN K=K-32
160 CALL CLEAR :: CALL SAY(C
HR$(K)):: FOR X=2 TO 16 STEP
 2 :: DISPLAY AT(8+(X/2),12)
:E$(X-1);E$(X):: NEXT X
170 CALL SAY(CHR$(K)):: GOTO
140

     And so, one more time

          MEMORY FULL

          Jim Peterson
```

CASSETTE SYSTEM HELP:

The following is a continuation from the cassette hint column in the WEST PENN 9ERS newsletter that is written by Mickey Schmitt.
Thanks MICKEY and WEST PENN!

GETTING THE MOST FROM YOUR CASSETTE SYSTEM
BY MICKEY SCHMITT
NUMBER 8
CLYDE COLLEDGE'S: HIGH-SPEED CASSETTE LOADER
PART II

AS PROMISED... THIS MONTH I AM CONTINUING WITH THE TOPIC OF CLYDE COLLEDGE'S: HIGH-SPEED CASSETTE LOADER. FOR THOSE OF YOU WHO ARE NOT YET FAMILIAR WITH THIS PARTICULAR PROGRAM... LET ME SAY ONCE AGAIN... IF YOU ARE STILL USING A CASSETTE SYSTEM... THIS PROGRAM IS A MUST! IT IS BY FAR ONE OF THE MOST IMPRESSIVE CASSETTE UTILITIES ABAILABLE TO DATE!
    WHILE LOADING CLYDE'S PROGRAM IS NOT A DIFFICULT PROCESS IN ITSELF... UNDERSTANDING THE PROCEDURE FOR THE VERY FIRST TIME CAN BE A LITTLE CONFUSING. WITH THAT THOUGHT IN MIND I HAVE TRIED TO KEEP THE "LOAD" INSTRUCTIONS AS SIMPLE AS POSSIBLE.

INSTRUCTIONS FOR LOADING CLYDE'S LOADER
    1. INSERT THE EXTENDED BASIC MODULE INTO THE COMPUTER
    2. SELECT OPTION 2 -EXTENDED BASIC
    3. TYPE: OLD CS1
    4. THEN: PRESS ENTER
    5. FOLLOW THE DIRECTIONS AS THEY APPEAR ON YOUR MONITOR OR TV SCREEN:
        5.1 * REWIND CASSETTE TAPE CS1
              THEN PRESS ENTER
        5.2 * PRESS CASSETTE PLAY CS1
              THEN PRESS ENTER
        5.3   COMPUTER DISPLAYS MESSAGE:
            * READING
        5.4   COMPUTER DISPLAYS MESSAGE:
            * DATA OK
        5.5 * PRESS CASSETTE STOP CS1
              THEN PRESS ENTER
    6. WAIT FOR THE FLASHING CURSOR TO APPEAR IN THE LOWER LEFT-HAND CORNER OF YOUR MONITOR OR TV SCREEN
    7. TYPE: RUN
    8. THEN: PRESS ENTER
    9. THE COMPUTER WILL THEN RETURN BACK TO THE EXTENDED BASIC SCREEN WITH THE MESSAGE: * READY * AND THE CURSOR WILL ONCE AGAIN BE FLASHING IN THE LOWER LEFT-HAND CORNER OF YOUR MONITOR OR TV SCREEN CLYDE COLLEDGE'S: HIGH-SPEED CASSETTE LOADER IS NOW LOADED

INSTRUCTIONS FOR USING CLYDE'S LOADER
    1. AFTER YOU HAVE LOADED CLYDE'S LOADER
       TYPE: CALL LINK("OLD")
    2. THEN: PRESS ENTER
    3. YOU CAN NOW LOAD IN ANY PROGRAM WHICH YOU HAVE ON CASSETTE IN HALF THE AMOUNT OF TIME THAT IT WOULD HAVE TAKEN YOU NORMALLY!
    4. JUST FOLLOW THE DIRECTIONS AS THEY APPEAR ON YOUR MONITOR OR TV SCREEN: THAT'S ALL THERE IS TO IT!

CLYDE'S LOADER HAS TWO VERY SPECIAL FEATURES THAT SHOULD NOT GO WITHOUT MENTION. FIRST OF ALL... THE HIGH SPEED CASSETTE ROUTINES ARE EXACTLY THE SAME AS TEXAS INSTRUMENTS CASSETTE ROUTINES - MAKING THIS PROGRAM VERY USER FRIENDLY. SECONDLY... ONCE THE LOAD PROGRAM HAS BEEN PLACED IN THE 32K MEMORY... IT WILL STAY IN MEMORY... EVEN IF YOU ACCIDENTLY HIT "FUNCTION QUIT". JUST RETYPE "CALL LINK("ON")" AND YOU ARE READY TO GO. YOU CAN'T LOSE THE "LOAD PROGRAM" UNLESS YOU TURN OFF TH CONSOLE!

IF YOU WISH TO PURCHASE THIS PROGRAM PLEASE SEND $5.00 TO:

WEST PENN 99'ERS
C/O JOHN F. WILLFORTH
R.D. #1 BOX 73A
JEANNETTE, PA. 15644

ATTN: WEST PENN LIBRARIAN

ed. note: We will have a sign up list at the next meeting for those wishing to purchase a copy of this program.

NEXT MEETING

FEBRUARY 9

7:00 PM --- JA BUILDING

SPECIAL INTERESTS CONTINUED

EXPAND YOUR HORIZONS!!!!!!!

Cedar Valley 99'er Users Group
288 Windsor Dr. NE
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