##################################
BRAZOS VALLEY 99ERS'
P. O. BOX 7053
WACO, TEXAS, 76710-7053
##################################
CHAIRPERSONS
AMY BATES   ------- PRESIDENT
    AND NEWSLETTER CHAIRPERSON
DAVE EISFELDT ----- EDUCATION CHAIRMAN
NORMAN & LELAH BEYER --- CO-LIBRARIANS
DR. JEFF HULL ------ PROGRAM CHAIRMAN
FRANK CROSS ------- MEMBERSHIP CHAIRMAN

IF YOU WOULD LIKE TO HELP ON ANY OF
THE ABOVE COMMITTEES, PLEASE NOTIFY THE
APPROPRIATE CHAIRPERSON. THANK YOU

##################################

ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ
SPEAKER AT THE APRIL MEETING
Pete Jaden, of Temple, will visit with us
at the April 26 th Meeting. He was a
member of the Texas Instruments Home
Computer Division until its "death". He
still works for TI. He will bring with
him, his son, his TI 99/8 and many of his
stories from the "good ole days". Bring
your questions and yourselves and friends
to the April meeting and have a good time.

We are going to meet Pete and members of
his family at PANCHOS at 6:00 P.M. before
meeting and have dinner with them. Everyone
is invited to help welcome them to Waco.
PANCHOS is the new Mexican restaurant at
Valley Mills and Bosque Blvd. See you there.
It is, of course, dutch treat except for
Pete and his family. We are getting the
tab for their dinner. It promises to be a
great evening. Probably our best for the
year. Please plan to attend.

ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ
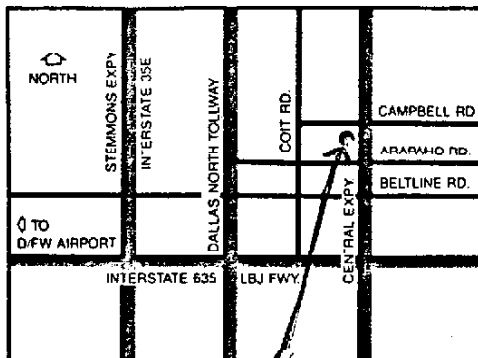
Holiday Inn®

##################################
DALLAS TI-FAIRE
On April 30, 1988, (a Saturday) There is
going to be a gathering of TI'ers from
all over in Dallas at the Holiday Inn in
Richardson. It is at 1655 North Central
Expressway, Richardson. Take the Campbell
Road Exit and loop-back under North
Central until you are going South again.
The Faire opens at 9 A.M. and closes at
5 P.M. The Brazos Valley 99ers' will
have a table/booth at the Faire. It is
an 8 foot table in and 8 X 8 foot area.
Any Ideas for the booth will be greatly
appreciated at the next meeting.
Volunteers are still needed for some of
the functions it takes to run an under-
taking of this size.
Tickets are $4 at the door and $3 if
purchased at our next meeting.
Frank Cross

APRIL 30TH 1988

##################################
MINUTES OF MARCH MEETING
The March meeting got off to a late start at
7:45 with President Amy Bates calling the
10 members and one visitor to order. Frank
Cross announced that $44.02 was in the bank
account. Postage is going up to $.25 per
letter/newsletter ounce. This will hurt us.
Lelah Beyer announced that Hank Crawley had
donated ACORN 99 DATA BASE to the group
library. He briefly described the package to
us. Frank Cross announced the coming of the
TI-DALLAS FAIRE. He also asked for the lost
January issue of MICROpendium. (since found!)
If you want to volunteer, or attend the TI
Faire, please be at the next meeting or call
call Frank Cross. Frank announced that Pete
Jaden of the now defunct TI Home Computer
Division of Lubbuck, will be our speaker at
the April meeting. He and his son are going
to be our guests that evening of April 26.
Lelah Beyer, seconded by Harry McNabb, moved
that our group pay for Pete Jaden's and his
family members' dinner that evening. all
were in favor of the motion.
Officer for the coming year were selected.
Our officers for the coming year are, Norman
and Lelah Beyer; Co-Librarians, Membership;
Frank Cross, Education; Dave Eisfeldt,
Program; Dr. Jeff Hull, Newsletter; Amy
Bates. There were several volunteers for the
committees. Brenda Knoell will assist the
Newsletter comm. Harry McNabb will work on
the Membership comm. Hank Crawley will help
the library committee out.
Dave Eisfeldt gave our program on the new
software "GRAPHICS LABLER" fairware.
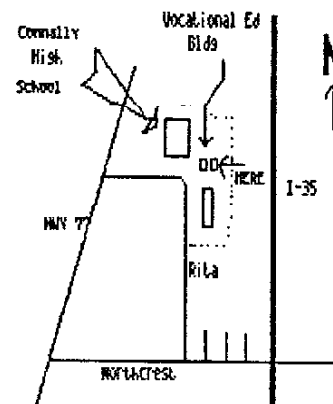
LET YOUR PRINTER DO YOUR TALKING

I have decided to write an article on using your printer. I have a Gemini-10X and have found it quite useful for labels, school reports ,documentation, and obviously, our newsletter. I have been asked about form length for labels.

A problem to overcome when printing labels is form length. I have noticed some programmers print a label and tell the printer to do a number of carriage return and line feeds to advance to the next label. This obviously does work, however ,another way of doing it is to use macro commands.

A macro-instruction is the ability of a printer to accept a single command to do the work of a series of commands. The Gemini-10x command capability allows you to group printer commands together and execute them with a single command. I will demonstrate an example to set your printer for 1 inch labels.

1) First, we have to define the macro instruction.

CHR$(27);CHR$(43).....CHR$(30)

The preceding string is the instruction for defining a macro. All you have to do is replace ..... with your instructions. You may use up to 16 characters to define your macro. That is the 27,43,30..etc. Don't count the CHR$.

2) After we define the macro, we have to select the macro code to execute the instructions.

CHR$(27);CHR$(33)

NOW LET'S TRY AN EXAMPLE


```
100 REM PRINT ONE INCH LABELS
110 OPEN #1:"PIO"
120 REM DEFINE THE MACRO INSTRUCTION
130 REM FOR 1 INCH LABELS AND EMPHASIZED PRINT
140 PRINT #1:CHR$(27);CHR$(43);CHR$(27);CHR$(67);CHR$(0);CHR$(1);CHR$(27); CHR$(69);CHR$(30)
150 REM SELECT THE MACRO
160 PRINT #1:CHR$(27);CHR$(33)
170 CLOSE #1
180 REM PRINT LABELS
190 LINPUT "NAME ":N$
200 LINPUT "ADDRESS ":A$
210 LINPUT "CITY,STATE/ZIP ":C$
220 REM PRINT 10 LABELS
230 LINPUT "SET PRINTER TO FIRST LABEL, THEN PRESS ENTER":E$
240 OPEN #1:"PIO"
250 FOR I=1 TO 10
260 PRINT #1:N$;A$;C$;
270 PRINT #1:CHR$(12)
280 NEXT I
290 CLOSE #1
300 END
```


NOW TO DECODE LINE 140 FOR YOU

CHR$(27);CHR$(43) .....CHR$(30) -CODE TO DEFINE MACRO

CHR(27);CHR$(67);CHR$(0);CHR$(1)-CHANGES THE SETTING OF FORM LENGTH TO N INCHES
YOU MAY CHANGE TO 2 INCH OR 4 INCH FORMS BY CHANGING CHR$(1) TO A CHR$(2) OR
CHR$(4)

CHR$(27);CHR$(69) - SELECT EMPHASIZE PRINTING MODE

LINE 160 IS THE COMMAND TO TELL THE PRINTER TO SELECT THESE COMMANDS

LINE 270- CHR$(12)- IS THE COMMAND TO TELL PRINTER TO ADVANCE TO NEXT FORM.

HAVE FUN WITH YOUR LABELS....DAVE EISFELDT

MULTIPLAN MANIA by BRENDA J. NOELL

CHAPTER 5: WINDOWS, COPYING FORMULAS, and OPTIONS

Reload your Multiplan by Pressing T, L, and SPENCER.

FIXING TITLES: THE WINDOW SPLIT TITLE COMMAND-It is possible to keep the headings for SALES, COST, etc., in view while looking at the last half of the year. Let's fix the titles in place. Press W(Window). Select S(Split) or ENTER. Now pick titles since you want to fix them in place in column 1. Press T. In the first field type 0, because you only want to fix them vertically, by columns. In the second field choose 1 as the number of columns. Press 1. Press ENTER. Try scrolling through the months.

OPENING A WINDOW: THE WINDOW SPLIT COMMAND-You have opened a second window by splitting the one you were working on. Save your work at this point so that you can return to it after experimenting.

Now let's try opening and closing windows by using the Window Split command. Place the cell pointer at R11C2. Press W. Press S. Press H(to Horizontally split the window). Multiplan proposes row 11 to split. The second field shows linking status. When windows are linked they scroll together. Press ENTER. Notice the column numbers at the top of window #3. Scroll across to C14 and then back to C2. Window #2 is unaffected. These are unlinked windows.

LINKING WINDOWS: THE WINDOW LINK COMMAND-Press W. Press L(for Link). Multiplan proposes linking window #3(active window) to #2(the window which the active window was split from). Press TAB(CTRL A) twice to advance to the next field. Press Y or SPACE BAR. Press ENTER and they are linked. Scroll to C14 and back again.

BORDERING WINDOWS: THE WINDOW BORDERING COMMAND-A bordered window has a line drawn around it to set it off from the rest of the worksheet. Pres W, B, ENTER. You should now see a border around the split window. If you split a bordered window, both windows would have borders. Try opening(press W, then S) and closing(press W and then C) windows. Use the NEXT WINDOW key (CTRL W) to move the pointer from window to window until it is split as you want. Reload your worksheet.

BUILDING A FORMULA TO SHOW INCREASING SALES-Information on SPENCER CERAMICS shows that sales have increased 1% a month. To see this in effect place the cell pointer at R3C3, under February, which is the first month to show the increase. Press =. Using January sales as a basis for your formula, type in a formula that will calculate this. Move the cell pointer to R3C2, under January. To show February's sales as a 1% increase over January's, multiply January's sales by 101%. Press *(to multiply). Type in 101%. Press ENTER. Use the COPY A FORMULA TO THE RIGHT: THE COPY RIGHT COMMAND to copy the formula into the rest of the months. Place cell pointer at R3C3. Press R or ENTER. Type 10. In the second field type notice the active cell is R3C3. Press ENTER.

Save your work at this point. (T, Save, Y)

PROTECTING THE WORKSHEET: THE LOCK FORMULAS COMMAND-What if the actual base figures are different from the ones you typed in? You would want to change you base figure but protect the formula. Multiplan has a Lock command to save them from accidental alterations. Press L(Lock). Press F(Formulas). Enter Y(to confirm).

THE NEXT UNLOCK CELL KEY-Press the Home key to go to R1C1. Now press the NEXT UNLOCK CELL key(CTRL 3). The cell pointer moves to R3C2, which is the first cell from the start that contains typed in number rather than a formula or text. Blank cells are also ignored. Type 1800, ENTER, NEXT UNLOCKED CELL(CTRL 3) key. The value in R3C2 changed, and recalculated the figures.

UNLOCKING CELLS-Press L. Press C. Press the HOME(CTRL 1) key. Press : (to create a range). Press the LOWER RIGHT key (CTRL 2) to place the pointer at the most lower right cell that contains data or that has been formatted. Press ENTER.

OPTIONS COMMAND-Use the GOTO command to place the cell pointer at R3C2. Type in 30000 to change the January figures. Press ENTER and notice the change in sales and profits. Likewise, if you change the formula in R3C3 to reflect a 2%(2%) increase, Multiplan automatically recalculates the worksheet. To speed up entering a number of changes, you can turn off the automatic recalculation option by using the OPTIONS command. Press O. Select N. Press ENTER. Now change January sales to 1000 and press ENTER. During the time recalculate is off, you can do calculations by pressing the RECALC(FCTN 8) key. Press the RECALC key and watch the screen. To change back to recalculating, press O, Y, and ENTER.

Quit or Restore your work if you want to go to Chapter 6.

CHAPTER 6: PRINTING A WORKSHEET-Press P for Printer Options. Set the Margins and Options before trying to print. Margins gives yo default settings of:Left 5 characters
Right 6 lines
Print Width 70 characters
Print Length 54 lines
Page Length 66 lines

PRINT OPTIONS-This lets you choose to print all or part of the worksheet. You can select by columns or rows, formulas instead of values or the worksheet with rows and column numbers.

PRINT PRINTER-Press P or ENTER to send the worksheet to the printer in page-sized sections. To stop the printer press PRINT CANCEL key(FCTN 4). If the file is too large to fit on one page the PRINT COMMAND will automatically continue on the next page.

PRINT FILE-This lets you store a printable version of the worksheet on a diskette. You can print the worksheet in basic at any time, if you do not have a printer, you can take the disk to another TI99/4A to be printed.

In the PRINT PRINTER section I had my first major problem. I followed the directions but, could not get the worksheet to print at all. I found I had to go to PRINT OPTIONS. Press P, then O. Advance to the setup field. Press TAB(CTRL A). Now you can specify the baud rate or specify PIO for a paralles port. Press ENTER, and presto magic.

You can also combine Multiplan with TI-Writer. Using the Print File command to save a worksheet produces a file that is compatible with TI-Writer. TI-Writer can merge a text file with a worksheet file. When this merge is printed, you have a report containing text with tabular information where you put it. You can merge the text file and the worksheet file to make a third file, leaving the two originals intact. Or you can alter the text file by inserting the worksheet file. For each different worksheet, you will need a separate file to insert into the text file. You can also change the worksheet by inserting the text file. Refer to TI-Writer Word Processor manual or Jo Ann Copeland's column in Vol 3, Issue 3, page 18, paragraph 2, line 2. Believe me it was harder to find any Merging Files in the manual. Thanks Jo!!!!!!

See you next time for CHAPTER 7: USING MULTIPLE WORKSHEETS.

AVID ADVENTURING, PART 2
By Brenda Noell
Rt. 1 Box 419
Kempner, Texas 76539

   I hope that the last column was helpful to you fellow
adventurers. This time I'd like to cover a few high scores
from Editor/Assembler and Extended Basic games.

Name	Level	Score	Name
Alpiner		19,631	Brenda Noell
Anteater	9	20,340	Sam Duffy
Bigfoot	6	22,870	John Noell
Digdug	9	24,290	Roy Howard
Demon Attack		4,650	Jr Noell
Night Mission		7,552	Mark Ziegler
Tombstone City		4,100	Clint Howard

Please challenge our scores. Send them to me at the above
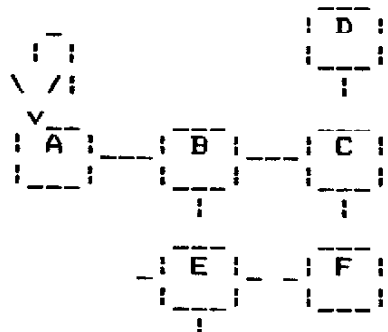address. This will also give us a goal to work towards.

ADVENTURELAND- what can you do with a tree? Do you remember
Charlotte's Web? How did the Charlotte help Wilbur the pig?

DEADLINE- Have you shown the calendar to anyone? Try to have
the drugs analyzed.

   I have completed many of these adventures by mapping them
out. For example when you load up ADVENTURELAND, you will find
yourself in a forest. Drop something and go North. You will
find yourself in the same place. Draw something like Block A.
In some adventures the designer will be gracious enough to tell
you the directions that are available(see Block B). You can
keep going back to each location that you have named and explore
each possible direction, placing an 'x' in the direction that
leads to sure death. I use dotted lines when I have be
transported to another location that is a great distance from the
location I just came from. Below is a sample of a mapped area in
ADVENTURELAND. I name each of my boxes and then put a number only
when I have special notes of something needed is found their.
   Happy mapping and adventuring. I'll be waiting to hear from
you.
      BJ

```
                    ___
  _               !  D  !
!   !              !___ !
 \ / !               !
  v___      ___       ___
! A !___! B !___! C !        A=FOREST
!___!   !___!   !___!        B=SUNNY MEADOWS
          !       !          C=SHORE OF LAKE
                             D=QUICK SAND
        ___     ___          E=DISMAL SWAMP
      _! E !_ _! F !         F=BOTTOMLESS HOLE
       !___!   !___!
         !          \
```