Robert Peters
President, OH-MI-TI
225 S. Wheeling
Oregon, OH 43616
(419) 693-7934

Meeting; 13 May '88 Fri
Oregon #2 Fire Station
Time 7:00 Pm.

```
!////////////////\\\\\\\\\\\\\!
!     (419)   385-7484        !
!         TICOMM BBS          !
!  >>>      24-HRS     <<<     !
!                             !
!         SYSOPS              !
!   > TURNER - MILLS <        !
!\\\\\\\\\\\\\\\//////////////!
```

Don Turner
President, New Horizons
1690 Idlewood Street
Toledo, OH 43615
(419) 537-1454

Meeting; 14 May '88 Sat
Unity Church   Secor Road
Time: 12:30 Pm.

THE NEWSLETTER STAFF

Roger & Judy Feinauer Earl Hoffsis Pat Hunsinger

LOCAL CONTRIBUTIONS BY;

Jo Symington   Bill Sager   Dave Burkett   Kent Sheets   Don Turner

Join us everyone

WE ARE ON OUR WAY TO THE NEW HORIZON AND THE OH-MI-TI GROUP MEETINGS

Earth
Domestic USA

N.W. OHIO 99'ERS USER GROUP
%First Church Unity
3535 Executive Parkway
Toledo, OH 43606
Attn. Earl W. Hoffsis

Dallas TI Home Computer Gp
c/o Louis Guion
PO Box 29863
Dallas, TX 75299

PRESIDENTS   PAGE

PRESIDENTS CORNER

By Bob Peters
OH-MI-TI

Hello to all the members of OH-MI-TI. I would like to see all of the members at this months meeting. Please attend or you could miss something that would benifit you. There will be some intresting ideas at this meeting. We will be meeting at **OREGON #2 FIRE STATION** at 7:00 PM. on MAY 13th.

MICROPENDIUM is available each month at the club sales desk. These are in limited quantities so be sure to get yours while they last. So see you there!
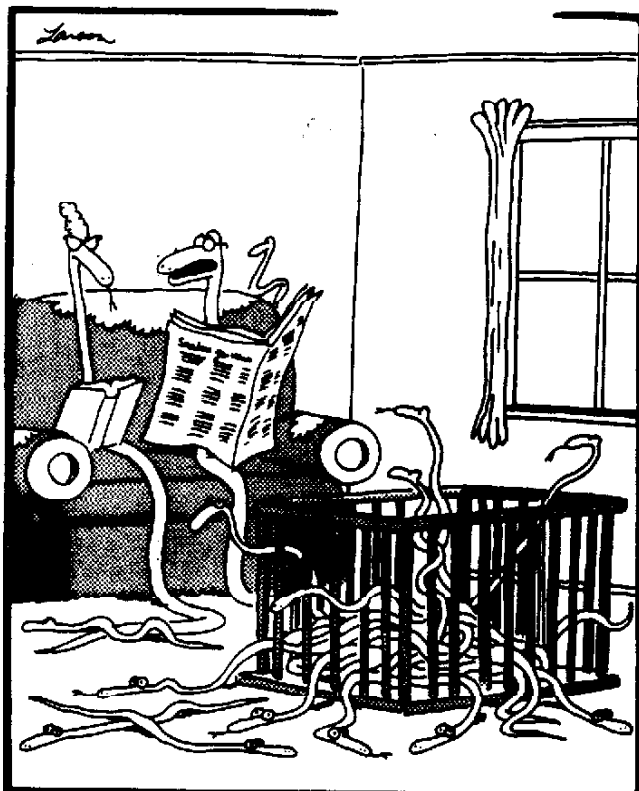
"I tell you, a crib is just plain worthless — what we need around here is a good cardboard box."

NEW HORIZONS NEWS

By Don Turner
New Horizons

Greetings to all the members of NEW_HORIZONS. I would like to see May off with all of the members at this months meeting. Be sure to attend or you could miss something that would benifit you. There will be prizes and some intresting ideas at this meeting. We will be meeting at **UNITY CHURCH on Executive Pkwy** at 12:30 on MAY 14th.

MICROPENDIUM is available each month at the club sales desk. These are in limited quantities so be sure to get yours while they last. MICROPENDIUM has some of latest news and software concerning the TI-99/4A and the GENEVE 9640. Also it has reviews on software/hardware and much much more. This month will have some of the most exciting demos so far this year! I want to thank Chris Dewy and Roger Feinauer for thier splendid demos they did last month.

The LIMA area TI users group is conducting a MULTI USER GROUP CONFERENCE AND SWAP MEET. The event is being scheduled for Saturday May 21st on the Lima campus of the OHIO STATE UNIVERSITY The meeting is being held in the Student Activity Building. There is plenty of free parking near the building.

HOw many times have you had to buy a new printer ribbon? Wouldn't it be nice if you could use your old ribbon one more time. Well you could if if you had a ribbon reinker. Let us know if you would like the club or clubs to to buy a ribbon reinker. They cost around $60 to $90 so think about.....

THE EDITOR
by Roger Feinauer

This month our clubs will have a survay which will be on pages 11,and 12 of this newsletter. The purpose of these questions are so the clubs can more cater to the needs of the majority of its members. This will also give some idea in what direction the clubs need to go. Please bring them to your club meeting.

Also, I would like to thank Dave Burkett for his timely article on software. And and to let everyone know what both clubs have just for the asking. Also Dave I hope you don't mind I borrowed your TL codes to make a timp file called ED/SET/UP which is now a permanet file on my MYWORD disk.

Many of you probably don't understand why I put Bill Sager's name in local contributer area on the cover. Well, he's the one who puts those pictures together on the cover page of the newsletter, and does a fine job of it. I thought you should know. Does anyone else have some work of art to share with us? If you do send me a copy either via TiComm, to me in the mail on disk or at the New Horizon meeting. The formatts I can use are Ti-Artist, Draw and Plot, Rle, CSGD, Graphx, and Picasso so what's your flavor. Sorry, I have no way of changing the format of Joy Paint as of yet but this could change. As you can see there are a lot of ways to draw pictures on the good'ol 99/4A.

I recieved two new products the other day. One is a hardware product the Rave 99 speech adapter card. This allows you to put the speech card in the expanision box. This works rather well and let's

me have speech on my Geneve. I will give this product all A+'s. The other is Super 4TH from DataBioTics Inc. On the 99/4A you also need an Super Space Module, 32k., and a Disk System. On the Geneve all you need is the disk with the soft-ware on it and the Gpl interperter loader, Then load E/A . As Super Forth loads in program image format. Super Forth supports 4 disk drives all the way to 1440 sectors and hard drive(s). On hard drives the only resticion is that you must save them in 90k. sub directories such as WDS1.FORTH.A = scr.0 thru 99 WDS1.FORTH.B = scr 100 thru 199 ect. untill you run out of disk space. Super Forth also allows the use of ramdisks so as you can see it is greatly improved over Ti-Forth. Super Forth also supports speech and sound with words built in. One of interest is SPLIST lists the words in the speech synthesizer resident word vocabulary along with their addresses in hex on the screen in command mode. Now if DataBioTics could make a version that would load directly from Mdos and look at the memory size of the machine and allow the use of a 9995 assembler and routines for the 9938 VDP. think of the possibilities.

Does anyone out there have a logo they have made for either of the clubs, say for a disk label or other reason if so, I would like a copy. I think it would be nice to have one for each club on the front cover of the newsletter. If not, maybe each club could have a contest for the best logo picture for each club. This is just a thought of the editor.

One last reminder articles for Junes newsletter will be due no latter then May 28,1988 thank you all, and happy TI-ing

THE LENDING LIBRARY
by Dave Burkett

How many times have you picked up a computer magazine lately and seen advertisements for "really cheap software", especially for the IBM and clones? Or, if you're on some mailing list(s) as I am, every so often an ad will show up claiming that I can get "...thousands of fantastic programs, all for under $10 each!" Of course, what these companies are doing is peddling Public Domain software for profit. This is especially common for the MS-DOS machines. What a lot of uninformed buyers are not aware of is that this same software is usually available FREE from the local user's group! That's the whole purpose of this article... to make those of you who don't know (and refresh those who should know) aware that the Northwest Ohio 99'ers have extensive software libraries available with hundreds, perhaps thousands of programs covering almost any topic under the sun. Not only do these libraries have software, they also contain extensive newsletter and magazine sections as well. Many of the programs that are available have been reviewed at some time in one of the many publications that the user's groups receive. We also exchange newsletters with many other clubs from all over the U.S. and overseas. The VERY BEST PART of this whole thing is that you can check them out for FREE, just like a regular public library (and we won't even charge you a late fee for overdue material!) These items are dragged to the meetings every month by our faithful volunteer librarians, so take advantage of them! Don't be like those IBM folks; get your software for free at the meetings!

GENEVE 9640
by Roger Feinauer

last month I did't have may Geneve article in the newsletter mostly because I didn't anything new to write about . Most of you have probley found that when you went fron February to March. That the day of the week was shifted back one day. well let's say it is April 2 1988 which is a Saturday, but when you boot the system you find that the day of the week is Friday. Well there seems to be a some small error in the log rhythm that calcalates the shift of the day of the week for leap year.

I don't have a permanet fix for the problem. But I con give you something to get you by till Myarc has one. In the MM 58274 clock chip there are 16 registers. And the one we're interested in is Reg.No.14 which has an address of >801E HEX or -32738 DEC. This register can have a value of 1 to 7 which corresponds to the days of the week. Sunday=1 and Saturday=7 and all the rest in between .

The first thing to do is zero your system that is boot it. Set the date and time correctly. Once you have done this. Load the GPL as at this time. I don't have a debug which will run out of dos. Load the Editor Assembler. From there go to TI-Basic. From the command line type, call load(-32738,n) N=the number for the day of the week. Reboot your system and you will find the day of the week to be right. You can also do this from Extended basic type CALL INIT :: CALL LOAD(-32738,N) and you will find it will give you the same resolts.

Yesterday I called Myarc to find out how they were comming with Advance Basic. they told me that it would be finished about the first week of May. And then they would send a copy to everyone who was a registered

owner of a Geneve computer. I also asked if I sent in a disk if they would send me a copy of what they had so far. They said no because they were still porting it from a developer board. And to the average user the code would be useless. Boy I can hardly wait, a basic with the ability to make windows on the screen without any fancy A/L routines you have to link to first. And the graphics should blow are minds. Imagine 256 characters to define for graphics, and 32 sprites, and 5 speeds to switch back and forth in the program like a stick shift on some fine race car. And add to this line draw routines, not to mention fill and circle commands. You can see why I can't wait hurry up Myarc.

Yesterday I was playing around with Telco 1.3 . This is the new terminal program that's been out for a couple of months. Well in version 1.3 there is an editor which allows you to write, save and load simple text notes. But what I was interested in was if it could be use it to write batch files to run out of MDOS. Well it works and it works very well, thought you would like to know. Now if there were some way to add some files in the program to detect which computer it is loading from and set the program up ether for MDOS or 994/A then it could be said it would be complete.

Thinking of what I would like to see in Myword is a couple new dot commands. One that I like most would be (" .COL 132 ") of course this is to set the printer to 132 columns, better then USING THE TL commands. When going into the editor I would like a choice of ether 80 or 132 columns . While i'm at it in the Editor menu if 132 columns is chosen the ability to divide the screen into 2 or 3 column windows. And be able to use the dot commands separtly in each column window. And lastly three other dot commands .GIF DRIVE,FILENAME and .RLE DRIVE, FILENAME, .MA DRIVE,FILENAME that could be used with the Formatter to port these picture files out to the printer. And be used in the window columns. This will have wait till Myword is made to run in Mdos. Till next time happy computting.....roger

RE - INKERS

the ink from Computer Friends and also with their service. For me, this is the only way to go. If you try it, you'll never go back to the WD-40 and re-loading mentioned earlier.

For more Information and price list contact:
Computer Friends
6415 SW Canyon CT. Suite #10
Portland, OR 97221
(503) 297-2321 (24 hour line)
1-800-547-3303
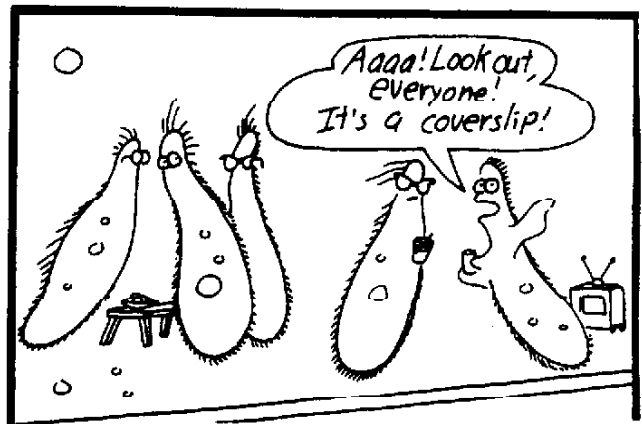
MM 58274 CLOCK CHIP REGISTERS

9640 GENEVE

REG	HEX	COMMAND	XB PEEK OR LOAD	
0	8010	CONTROL REGISTERS	-32752	
1	8011	TENTHS OF SEC.	-32751	
2	8012	UNIT SECONDS	-32750	
3	8013	TENS SECONDS	-32749	
4	8014	UNIT MINUTES	-32748	
5	8015	TENS MINUTES	-32747	
6	8016	UNIT HOURS	-32746	
7	8017	TENS HOURS	-32745	
8	8018	UNIT DAYS	-32744	
9	8019	TENS DAYS	-32743	
10	801A	UNIT MONTHS	-32742	
11	801B	TENS MONTHS	-32741	
12	801C	UNIT YEARS	-32740	
13	801D	TENS YEARS	-32739	
14	801E	DAY OF WEEK	-32738	value 1 thru 7
15	801F	CLOCK SET REG.	-32737	

CREATE YOUR OWN CURSOR

By Don Turner
New Horizons-Northwest Ohio 99er software

I don't quite know how to give the proper credit to this routine, but whoever discovered this way to modify the cursor you're an unsung hero.

While I have experimented with TI Extended Basic, I have learned many ways to make it do the things that the manual never let you know. Also, not to forget the clever programmers who offered their information and discoveries to the TI Community.

Creating a cursor is rather easy and once done the cursor routine can always be used in other programs. If you understand how to define a character then understanding how to create a cursor is just a easy.

First I'll write the TI Extended Basic code to re-define the cursor.

```
100 CALL CLEAR :: CALL INIT
110 CALL LOAD(8196,63,248)
120 CALL LOAD(16376,67,85,82,83,79,82,48,8)
130 CALL LOAD(12288,255,129,129,129,129,129,129,255)
140 CALL LOAD(12296,2,0,3,240,2,1,48,0,2,2,0,8,4,32,32,36,4,91)
150 CALL LINK("CURSOR")
```

Line 130 defines the cursor description (what it looks like). Defining the cursor is made rather easy because you are not using HEX but "straight binary"

BINARY-> |128|64|32|16|08|04|02|01|

	128	64	32	16	08	04	02	01	
ROW 1	X	X	X	X	X	X	X	X	=255
ROW 2	X							X	=129
ROW 3	X							X	=129
ROW 4	X							X	=129
ROW 5	X							X	=129
ROW 6	X							X	=129
ROW 7	X							X	=129
ROW 8	X	X	X	X	X	X	X	X	=255

As you can see the values come from adding the total binary value across each row to define the segments in the cursor. I defined a hollow box cursor. (Note the X's in the figure and the weighted value that was totaled.)

After defining your custom made cursor, save it to disk and you are ready for your first run.

Run your program and look at your new cursor. If you don't like it merely make some changes and run again. Repeat this process until you are satisfied with your new cursor. The new cursor will stay until you turn off the console.

NEW HORIZONS CLUB DISK

Diskname HORIZON67   Total Sectors 358   Free Sectors 56

Filename	Type	Size	P	Comment
CALENDR1	PGM	33	No	File 1 for calender program
CALENDR2	PGM	7	No	File 2 for calender program
ELEC-DREAM	PGM	18	No	Musical program "ELECTRIC DREAMS"
LOAD	PGM	8	No	Extended Basic loader program
LOADCALNDR	PGM	3	No	Extended Basic loader/Calender pgm
PUPPYTOWN3	PGM	28	No	Revised Puppytown program
RISINGSUN2	I/V	59	No	Ext Basic musical program/graphics
SHOOSH	PGM	38	No	Downhill skiing program
TEX-RANGER	I/V	56	No	Ext Basic graphic cowboy game
TINYTIPS1	PGM1	42	No	Ext basic tips for programmers
YLOAD	D/F	10	No	Support loader program A/Language

TI·WRITER
Quick Reference Card

TEXT EDITOR · EDITING OPERATIONS

Back Tab - CTRL T - Moves the cursor one tab setting to the left.

Beginning of Line - CTRL V - Moves the cursor to the beginning of the line on which it is located.

Command/Escape - FCTN 9 or CTRL C - Exits from Edit Mode into Command Mode. Escapes a command.

+Delete Character - FCTN 1 or CTRL F - Deletes character by character including the space.

+Delete End of Line - CTRL K - Deletes all text to the right of the cursor to the end of the line, including the character under the cursor.

+Delete Line - FCTN 3 or CTRL N - Deletes the entire line of text and the line space.

Display Line Numbers - FCTN 0 (Zero) - Removes or redisplays line numbers on the screen.

Down Arrow - FCTN X or CTRL X - Moves the cursor down. If the cursor is on the last line of the screen, subsequent lines scroll onto the screen one at a time.

+Duplicate Line - CTRL 5 - Duplicates the line above and replaces the line the cursor is on with the duplicated line.

Home Cursor - CTRL L - Repositions the cursor at the upper left corner of the screen without altering the display.

*Insert Blank Line - FCTN 2 or CTRL G -
WORD WRAP: Splits a line into two lines for insertion. Terminated by Reformat.
FIXED: Pushes the remainder of the line to the right during insertion. Text pushed past the right margin is deleted.

*Last Paragraph - CTRL 6 or CTRL H - Moves the cursor to the beginning of the preceding paragraph in the text.

Left Arrow - FCTN S or CTRL S - Moves the cursor to the left without blanking out text.

Left Margin Release - CTRL Y - Temporarily disables the left margin until the cursor recrosses the left margin.

New Page - CTRL 9 or CTRL P - Inserts a blank line with a Page symbol and Carriage Return symbol. Causes the printer to begin a new page in both Editor and Formatter.

* Function altered in Fixed Mode.
+ Text can be recovered by OOPS!.   1053627-1

Right Arrow - FCTN D or CTRL D - Moves the cursor to the right without blanking out text.

Roll Down - FCTN 4 or CTRL A - Vertical Block Scroll. Displays the 24 lines that follow the last line on the screen.

Roll Up - FCTN 6 or CTRL B - Vertical Block Scroll. Displays the 24 lines that precede the first line on the screen.

Screen Color - CTRL 3 - Displays the next screen background/character color combination in a sequence of five.

Tab - FCTN 7 or CTRL I - Moves the cursor to the next tab setting to the right.

Up Arrow - FCTN E or CTRL E - Moves the cursor up. If the cursor is on the top line, previous lines scroll onto the screen one at a time.

Word Tab - CTRL 7 or CTRL W - Moves the cursor to the first character of the next word.

Word Wrap - CTRL 0 (Zero) - Switches from Word Wrap Mode (solid cursor) to Fixed Mode (hollow cursor), and from Fixed Mode back to Word Wrap Mode.

* Function altered in Fixed Mode.
+ Text can be recovered by OOPS!.

TEXT EDITOR · COMMANDS IN COMMAND MODE

Edit Exits Command Mode and returns to Edit Mode.
1. Type E for Edit.
2. Press ENTER.

FindString Locates a word or phrase in the text buffer.
1. Type FS and press ENTER.
2. Type /s/ where "s" is the word or phrase to be found.
3. Press ENTER.

LoadF (Whole file) Loads a file from a diskette into the text buffer.
1. Type LF for Load F.
2. Press ENTER.
3. Type any valid filename.
4. Press ENTER.

LoadF (Part of a file) Loads part of a file from diskette into the text buffer.
1. Type LF for LoadF.
2. Press ENTER.
3. Type the line number of the first line to be loaded, a space, the line number of the last line to be loaded, a space, and the filename of the file to be loaded.
4. Press ENTER.

LoadF (Merge whole file) Merges a file on diskette with the contents of the text buffer.
1. Type LF for LoadF.
2. Press ENTER.
3. Type the line number of the line in the text buffer after which the file is to be merged, a space, and the filename of the file to be merged.
4. Press ENTER.

LoadF (Merge part of file) Merges part of a file on diskette with the contents of the text buffer.
1. Type LF for LoadF.
2. Press ENTER.
3. Type the line number of the line in the text buffer after which the file is to be merged, a space, the line number of the first line of the file to be merged, a space, and the line number of the last line of the file to be merged.
4. Space once and type the filename of the file to be merged.
5. Press ENTER.

Move Moves a line or block of consecutive lines from one point to another point in the text buffer.

*New Paragraph - CTRL 8 or CTRL M -
WORD WRAP: Begins a new paragraph by inserting a Carriage Return symbol and a blank line and returning the cursor to the beginning of the blank line. If Automatic Paragraph Indentation is set, the cursor is returned to the indentation point.
FIXED: Does not function.

*Next Paragraph - CTRL 4 or CTRL J - Moves the cursor to the beginning of the following paragraph.

Next Window - FCTN 5 - Horizontal Block Scroll. Displays the next of the three overlapping windows of the full 80-column screen width - 1, 2, 3, 1, 2, etc.

OOPS! - CTRL 1 or CTRL Z - Recovers text deleted by Delete Character, Delete Line, Delete End of Line, Duplicate Line, typing over or blanking out. Removes characters typed on a blank line.

Quit - FCTN = - In the TEXT EDITOR, Quit enters Command Mode. From the main menu, it returns to the master title screen.

*Reformat - CTRL 2 or CTRL R -
WORD WRAP: Recloses text after an insertion and fills text to incorporate deletions and insertions. Reformat stops when a Carriage Return is encountered.
FIXED: Terminates Insert Character.

1. Type **M** for Move.
2. Press **ENTER.**
3. Type the line number of the first line to be moved, a space, the line number of the last line to be moved, a space, and the line number of the line after which the moved text is to be inserted.
4. Press **ENTER.**

PrintF Prints the contents of the text buffer.

1. Type **PF** for PrintF.
2. Press **ENTER.**
3. Type the devicename of your printer.
4. Press **ENTER.**

TO STOP/CANCEL PRINTING - Press **FCTN 4.**

Purge Clears the text buffer. (The contents of the text buffer may be recovered by RecoverEdit.)

1. Type **P** for Purge.
2. Press **ENTER.**
3. Type **Y** for Yes or **N** for No.
4. Press **ENTER**

Quit Save a file, Purge a file, or Exit the Text Editor.

1. Type **Q** for Quit.
2. Press **ENTER.**
3. Type ONE of the following letters:
   S for SaveF (See SaveF).
   P for Purge (See Purge).
   E for Exit to exit the Text Editor and return to the main menu.
4. Press **ENTER.**

RecoverEdit May recover all but the first line of the contents of the text buffer after purging. (See page 88 for conditions affecting recovery.)

1. Type **RE** for RecoverEdit.
2. Press **ENTER.**
3. Type **Y** for Yes or **N** for No.
4. Press **ENTER.**

ReplaceString Replaces a word or words with another word or words in the text buffer.

1. Type **RS** for ReplaceString.
2. Press **ENTER.**
3. Type a slash (/), the string to be replaced, a slash, the string that is to replace it, and a slash.
4. Press **ENTER.**
5. Options:
   A = All - replace the string in every subsequent instance.
   Y = Yes - replace the string in this instance; find the next instance.

   N = No - do not replace the string in this instance; find the next instance.

   S = Stop - escape the command with the cursor on the last instance found.
6. When replacement is complete, return to Edit Mode is automatic

SaveF (Whole File) Saves the contents of the text buffer including the Tabs settings to a file on diskette.

1. Type **SF** for SaveF.
2. Press **ENTER.**
3. Type any valid filename.
4. Press **ENTER.**

SaveF (Part of a File) Saves part of the contents of the text buffer to a file on diskette. (Tabs settings are saved if the part contains the last line of the text buffer contents.)

1. Type **SF** for SaveF.
2. Press **ENTER.**
3. Type the line number of the first line of the part to save, a space, the line number of the last line of the part to save, a space, and any valid filename.
4. Press **ENTER.**

Show Locates a line in the text buffer by line number and displays it as the top line on the screen. (Zero can equal line 0001, E can equal the last line of the file.)

1. Type **S** for Show.
2. Press **ENTER.**
3. Type the line number of the line to be shown.
4. Press **ENTER.**

ShowDirectory Catalogs a diskette on the screen.

1. Type **SD** for ShowDirectory.
2. Press **ENTER.**
3. Type the number of the disk drive that contains the diskette to be cataloged.
4. Press **ENTER.**
5. To cancel the catalog display, press **ENTER** again.

Tabs Sets margins, tabs and paragraph indentation for the text buffer.

1. Type **T** for Tabs.
2. Press **ENTER.**
3. Beneath the appropriate column number, type:
   L for Left margin.
   I for paragraph Indent.
   T for Tab.
   R for Right margin.
4. Blank out any undesired settings.
5. Press **ENTER.**

TEXT FORMATTER - FORMAT COMMANDS

.AD   **Adjust** - Justifies the right margin. Cannot be used without using the Fill Command. If Fill and Adjust are both used, and Fill is turned off with No Fill, Adjust is also turned off.

n   **Alternate Input** - Used with the Mailing List option to position up to 99 variables that can be assigned values from the screen or from a value file called by a Mailing List command. (Mail Merge Option)

.BP   **Begin Page** - Forces a page break. The printer begins subsequent text on a new page.

.CE n   **Center** - Centers the next "n"lines. The command .CE centers the next line only.

.CO t   **Comment** - Puts a comment "t" in text that is not printed with the document by the Text Formatter.

.DP n:t   **Define Prompt** - Defines a prompt "t" for Alternate Input "n" to cue definition from the screen. (Mail Merge Option)

.FI   **Fill** - Puts as many words on the line as fit without exceeding the right margin.

.FO t   **Footer** - Puts "t" (text) as the footer on each page. If % is used in the footer text, it is replaced with the appropriate consecutive page number.

.HE t   **Header** - Puts "t" (text) as the header on each page. If % is used in the header text, it is replaced with the appropriate consecutive page number.

.IF f   **Include File** - Calls filename "f" at that point. Does not permit nesting. Files can be called by disk drive number or by diskette name.

.IN n   **Indent** - Indent the first line of a paragraph "n" spaces. Absolute value indents to the column number "n" regardless of the left margin. Relative values: "+n" is added to the left margin value; "−n" is subtracted from the left margin value to "outdent" to the left of a left margin. Each time the Left Margin is reset, the Indent command must be reset also.

.LM n   **Left Margin** - Set the left margin at column "n". Absolute or relative values can be used.

.LS n   **Line Space** - Causes the printer to skip "n" lines before printing each line. The default is single line spacing.

.ML f   **Mailing List** - Calls value file "f" from the main file to assign values to variables defined by Alternate Input commands. (Mail Merge Option)

.NA   **No Adjust** - Default. Turns off the Adjust command.

.NF No Fill - Default condition. Prints lines as they appear in the file. All of the Left Margin and Indent commands that follow a No Fill command are ignored.

@ Overstrike - Causes the printer to overstrike subsequent characters until a space is encountered.

.PA n Page Number Reset - Resets the consecutive page number in Header and/or Footer commands to "n." Absolute or relative values may be used.

.PL n Page Length - Sets the number of lines per page to "n." The default is 66 lines per page.

.RM n Right Margin - Sets the right margin at column "n." Absolute or relative values may be used.

^ Required Space - Joins words for the purposes of filling, adjusting, underlining and overstriking.

.SP n Space - Causes the printer to skip "n" lines before printing the next line. The command .SP skips one line.

& Underscore - Causes the printer to underscore subsequent characters until a space is encountered.

87	W	
88	X	
89	Y	
90	Z	
91	[	(left bracket)
92	\	(reverse slant)
93	]	(right bracket)
94	^	(circumflex)
95	___	(underline)
96	`	(accent grave)
97	a	
98	b	
99	c	
100	d	
101	e	
102	f	
103	g	
104	h	
105	i	
106	j	
107	k	Appear on the

ASCII CHARACTER CODES

32		(space)
33	!	(exclamation point)
34	"	(quote)
35	#	(number/pound sign)
36	$	(dollar sign)
37	%	(percent)
38	&	(ampersand)
39	'	(apostrophe)
40	(	(open parenthesis)
41	)	(close parenthesis)
42	*	(asterisk)
43	+	(plus sign)
44	,	(comma)
45	-	(minus sign)
46	.	(period)
47	/	(slant, slash)
48	0	(zero)
49	1	
50	2	
51	3	
52	4	
53	5	
54	6	
55	7	
56	8	
57	9	
58	:	(colon)
59	;	(semicolon)
60	<	(less than)
61	=	(equals)
62	>	(greater than)
63	?	(question mark)
64	@	(at sign)
65	A	
66	B	
67	C	
68	D	
69	E	
70	F	
71	G	
72	H	
73	I	
74	J	
75	K	
76	L	
77	M	
78	N	
79	O	
80	P	
81	Q	
82	R	
83	S	
84	T	
85	U	
86	V	

108	l	screen as small
109	m	capitals; print
110	n	as lower-case
111	o	letters.
112	p	
113	q	
114	r	
115	s	
116	t	
117	u	
118	v	
119	w	
120	x	
121	y	
122	z	
123	{	(left brace)
124			(vertical bar)
125	}	(right brace)
126	~	(tilde)
127	DEL	(appears on screen as a blank)

MEMBERS OF THE MONTH
Vicky and Mark Maisonneuve

by
NEW HORIZONS
Jo Symington

Vicky and Mark live in Maumee Ohio with their family, dauthers Tauni and Karen, and son Ron. Mark works for Ford and Vicky stays home . They enjoy boating and using there computer for business, and home expenses, and inventories. Vickey uses it for home business, records. The beautful center piece at the Christmas party was donated and made by vicky. She also makes and sells original doll babies. They have been members for 2 years. Mark is very pleased with the information and help hen has recieved from the club. They enjoy seeing everybody and are regular in attendence at the meetings.

Jo

NEW HORIZON
MEETING DATES
FOR 1988

JUN 11 at 12:30 pm
SEP 10 at 12:30 pm
OCT 15 at 12:30 pm
NOV 12 at 12:30 pm
DEC 10 at 12:30 pm

FLORIDA GREETINGS

Kent Sheets 5/88

OH-MI-TI

Q and A
by Roger Feinauer

Q and A is a new addiction to the newsletter In this column you can sound off, ask questions. And hopfully give answers to those burning problems that no one seems to have the answers for. So with this let's get started.

Q-- How can I get more then five rows of Extended basic code in a program line?

A-- Well form an old copy of Home Computer magazine vol. 4 no.5 page 34. It says type until the computer beeps and press (ENTER). Type the last line number then (FCTN)E then (ENTER). Then (FCTN) 8 and finish typing the line.

Q-- Can anyone tell me what the TI codes are in Ti-writer and how I can use them?

Q-- Is there any card I can get for my expansion system that will give me better music on my 99/4A?

Q-- How hard is to set up my system up with a modem, and what kind of software will I need?

This is a start, so send your cards and letters to the editor,

Greetings from the Sunshine State.

First I want to thank all the OH-MI-TI members who were so kind with their well wishes and goodies at the December meeting. Thanks to all of you for that great product from the TI99/4A, a certificate to remember all of you.

I want to inform you that the TI99/4A, PEB system, and Horizons Ram Disk takes a licking and keeps on ticking. After 1200 miles via I-75 and several weeks setting in a hot car trunk, everything fired up the very first try. Oh, what a relief.

The OH-MI-TI users group southern location is just getting organized. I have located an old TI'er, Jim Elfering, just fifteen minutes from me. It sure is a small world. Which one of you will be next? For those of you heading South for just a visit, give me a call or stop by. I am now settled with my family at 4375 St. Clair Ave. North Fort Myers, Florida 33903 (Phone 813 995-8881). (Dave, here is my address. where are my newsletters?)

TI99/4A IS ALIVE AND WELL.

-=> Florida <=-
The Sunshine State   not to scale
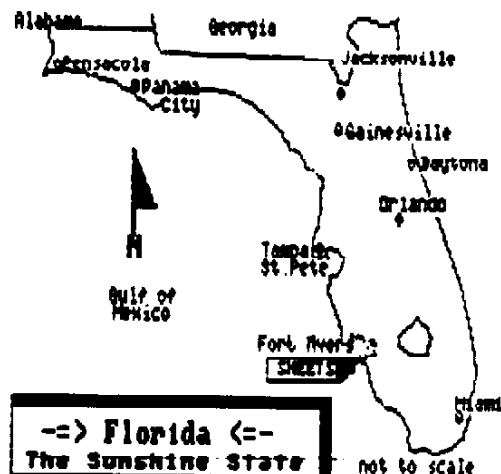
Name _____
Addr _____
Phone _____

1> Which command modules do you own?
   A>Extended Basic   B>Mini Memory   C>Ti-Writer   D>Edit Assembler
   E>Ti-Logo __   F>Multiplan   G>Super Cart   H>Myarc XB v2.11
   I>Super XB   J>TE/2   K>Super Space L>_____

2> Which input devices do you have?
   A>Cassette recorder and #__   B>Disk Drive and #__
   C>Ram Disk and #__   D>Hard drive and #__

3> What are the sizes of your Disk Drives SSSD,DSSD,DSDD,DSQD
   A>DSK1, _____ B>DSK2. _____ C>DSK3. _____ D>DSK4. _____

4> Which kind of Ramdisk do you have?
   A>Horizon   B>Myarc   C>Cor Comp   D>Foundation
   C>_____

5> What are the sizes of your Ram Disks in K. as 90,180,256,360,ect
   A>DSK1.____ B>DSK2.____ C>DSK3.____ D>DSK4.____ E>DSK5.____
   F>DSK6.____ G>DSK7.____ H>DSK8.____ I>DSK9.____ J>RD_____

6> Which disk controller do you have?
   A>TI   B>MYARC   C>CORCOMP   D>_____

7> Which RS232 card do you have?
   A>TI   B>MYARC   C>CORCOMP   D>_____

8> Do you have a printer? yes ____ or no ____

9> Printer name _____ port used A>PIO B>RS232

10> Do you have a Modem? yes ____ or no ____

11> If so what brand _____

12> What is it's baud rate?
    A>110 B>300 C>1200 D>2400 E>4600

13> Which terminal program do you use?
    A>FAST TERM B>MASS TRAN C>4A TALK C>TELCO D>TE/2 E>_____

14> Do you use any of the the other languages?
    A> FORTH   B> 99-PASCAL C> SMALL c D> 99-FORTRAN   E>_____

15> Which graphics program do you use?
    A>TI-ARTIST B>FONT WRITER C>GRAPHX D>JOY PAINT E>_____

16> Have I forgotten anything?
    A>_____ B>_____ C>_____

MARK THE LETTERS TO THE SUBJECTS OR FILL IN THE BLANKS FOR YOUR SYSTEM

16> Why do you come to the Users Group meetings?

_____
_____
_____

17> What don't you like about the meetings?

_____
_____
_____

18> What new software would you like to see demoed?
  A>_____
  B>_____
  C>_____

19> Would you like to have class' in one or more areas or
    subject matter pertaining to the 99/4A as part of the
    meetings, explain?

_____
_____
_____
_____
_____

20> Do you find the subject matter to be at times over your
    head and that this should be taken into consideration
    so that you can get more out of the meetings?

_____
_____
_____

21> What do you think can be done to increase our membership?
    A display at one or more of the malls,posters,radio,the
    newspapers? explain.

_____
_____
_____
_____

22> Do you use the lending library software or newsletters
    from other clubs thats available at the meetings, if not
    why?

_____
_____
_____

23> Is there anything else you would like to add to this
    survay that could be of help in making for a better
    meeting?

_____
_____
_____
_____

24> What would you like to see in the newsletter that could
    help you, or be of interest to you?

_____
_____
_____
_____