MUNCH

Massachusetts **U**sers **N**99 **C**omputer **H**obbyists

Hello MUNCH members... Welcome to our October 8th meeting this evening.
(Some of MUNCH's most attended TI users will appear next months meeting)

I am still looking for those new faces. I realize there are some of you out there who may be reading this letter and are not attending the meeting. I realize there are some of *you out there who may be reading this letter and are missing this fabulous computer* meeting. We all have some logical reason for not being able to attend, but don't let these problems get to you. What might be your excuse?

If you are like me...

1. You work later than 5:00pm putting in the needed overtime
2. Have a wife that wants you home instead of being out late
3. Have a 8 month old baby that needs you home for attention
4. House hold chores like laundry, grocery shopping, etc...
5. Trying to stay fit exercising at the local health spa on a regular basis
6. Business trips and entertaining customers, friends, grandparents, etc...
7. Volunteer work for the local access groups in my home town

Even through thick and thin, I do my best to attend every meeting. Consider the meeting as your **religious** write (I'm agnostic) once a month to better serve yourself and other TI 99/4A users . Talk with the wife. She should understand at least one night out of the month. As for work, what ever your job is, don't worry about it. Your not getting *paid enough to worry.*

This month I would like to introduce to you a basic comparison between your average low end PC clone and your wonderful TI(sorry Geneve).<u>What is the difference? Why should I stay with an *orphaned antique* ?</u> Some of you may not care to know the difference, but just keep reading anyway.

TI99/4A - Basic Hardware System Configuration.	IBM XT - Basic Hardware System Configuration
16-Bit TI 9900 Microprocessor / 4 Mhz CPU	16-Bit Intel 8088
16-Bit TI 9901 Math Co-processor	NONE
16-Bit internal addressing	8 - Bit internal addressing
0 - Wait state 16KB System Memory	0 - Wait State 640KB System Memory
1 GROM Expansion Slot	6 Expansion Slot Bus (8 - Bit addressable)
8-Bit external addressing	8-Bit external addressing
2 Analog Data Transfer Ports	NONE (this item is an extra cost)
NONE (this item is an extra cost)	Time Clock
1 4-Bit Color Composite port	*NONE (this item is an extra cost)*
1 Line Level Sound Port	Internal Sound speaker
2 Joy Stick Ports	NONE (this item is an extra cost)
Standard 48 Key Keyboard	NONE (this item is an extra cost)
Cost $ 50.00	Cost $ 125.00
TI99/4A - Basic Software System Configuration	**IBM XT - Basic Software System Configuration**
16 Color Screen Graphics	NONE
32 / 40 column Text Modes	32 / 40 / 80 column Text Modes
Screen Saver	NONE
TI BASIC Programing Language	Microsoft - Disk Operating System
Cassette Storage Operating System	NONE

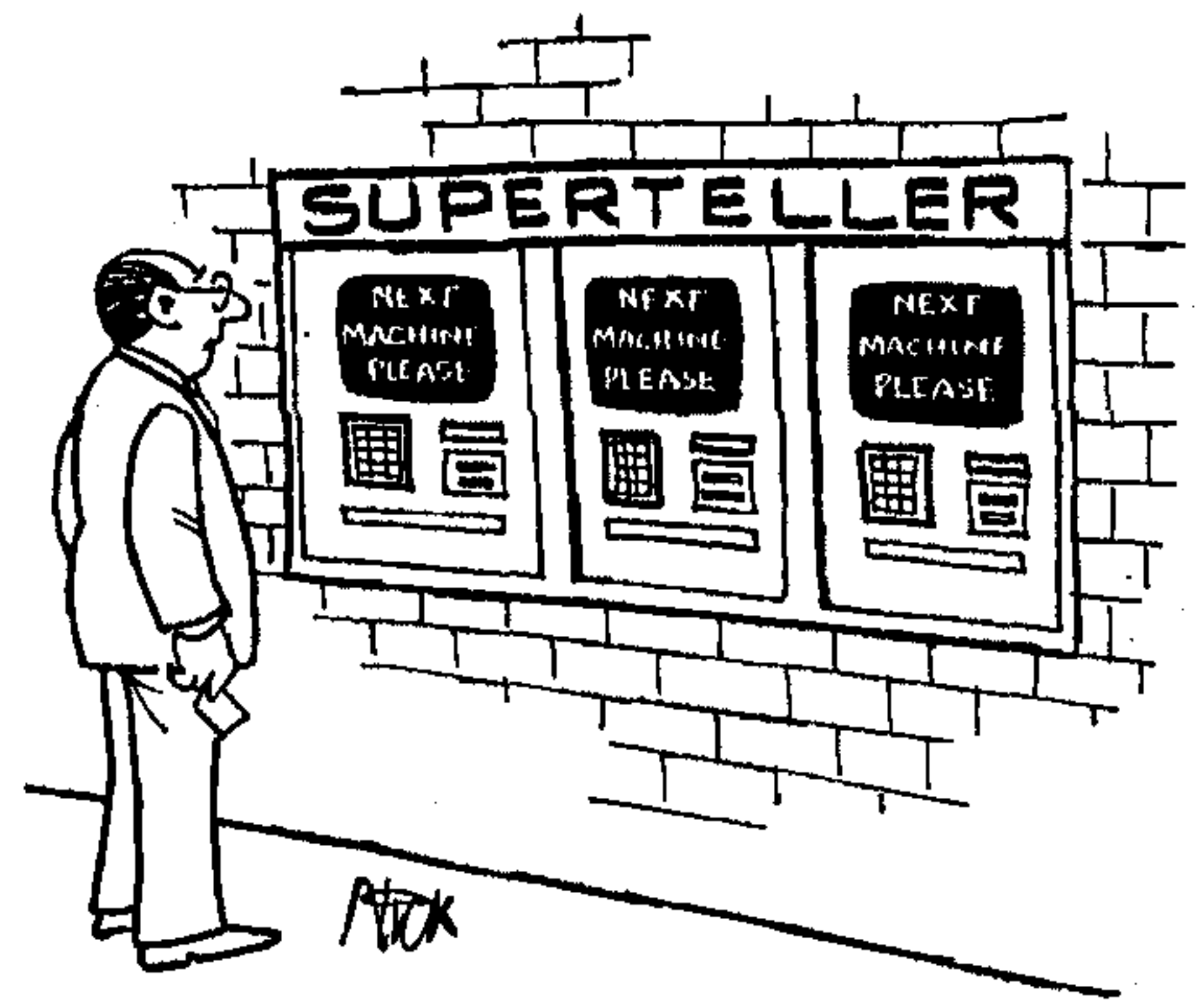| TI Peripheral Extras		IBM XT Extras	
TI Peripheral Expansion Box 8 Slot Bus (16 - Bit Addressable)	130.00	N/A (item included above)	0.00
80 Track Floppy Disk Controller	145.00	Floppy Disk Controller Interface Card	50.00
720K 5 1/4 Floppy Disk Drive	70.00	720K 5 1/4 Floppy Disk Drive	70.00
RS-232 Serial & Parallel Interface Card	75.00	RS-232 Serial & Parallel Interface Card	60.00
32KB Expanded Memory	45.00	N/A (item included above)	0.00
N/A (item included above)	0.00	101 Extended Keyboard	50.00
N/A (item included above)	0.00	8087 5 Mhz Math Co-processor	90.00
Time Clock	35.00	N/A (item included above)	0.00
N/A (item included above)	0.00	4 Bit Video Controller Interface Card	85.00
N/A (item included above)	0.00	Joy Stick Bus Controller Interface Card	80.00
Composite 14" Monitor	80.00	Composite 14" Monitor	150.00
Basic System Configuration (above)	+ 50.00	Basic System Configuration (above)	+ 125.00
Total	630.00	Total	760.00

As you can clearly see, the TI99/4A is the least expensive of the two. Not by much I'm afraid. There is one noticeable difference. The more you spend on your TI system, the less you get for your money in quality hardware. If you are as crazy as I am buying a Geneve $420.00, an Extended Keyboard $55.00, a Hard Drive Disk Controller, $250.00, Myarc Mouse $60.00, 20 Meg Hard Drive $200.00, External Power Supply $45.00 (that's to run the hard drive), and a 14" RGB Color Monitor $350.00, you would be much better off buying a complete IBM Clone with more options available than any TI Clone. I don't mean to put the Geneve down but " it's no Jack Kennedy ". This letter was written on my Geneve because of speed and the 80 column features over the 99/4A.

There is still much to learn about other computers which can benefit our own Orphan. I hope this has been some help to you. Next month I will cover the software set-up differences between the IBM PC and the 99/4A.   See you next month. TRICK YOUR TREAT

Corson Wyman, MUNCH member

"Mr. Andrews is a computer hacker."

Biography

A Visit with the Tigercub
by Walter Ward
Bluegrass 99'ers

We are driving through a quiet residential street in the section of Columbus known as Whitehall. We see a small brick house with a large maple in the front shade and a somewhat overgrown evergreen hedge.

The man who answers the door is about 6'2", medium build, medium complexion with a full head of hair which is mostly gray. His manner and everything about him suggest gentleman in old fashioned sense. We are taken to his computer room which is small and dominated by an 8x33 table which occupies almost a quarter of the room. Piled all over the table are disks in boxes and other computer paraphenalia. They are also piled under the table and on the floor. Shelves extend to the ceiling all around the room. They are filled with computer books, magazines and old boxed newsletters,etc. Several filing cabinets are similiarily loaded. Sitting in the window sill are his wife's African violets which she has difficulty squeezing through to water due to the clutter.

Our brown eyed host and his charming Japanese wife make us welcome.

"My biography? Let's see. I as born in Minnesota in 1923. I wound up in the rmy in World War II. I ended up in apan in 1945, just after the surrender, in the 27th Army Division. I transferred to Gen. MacArthur's Honor Guard Company. I took my discharge in apan in 1946 in order to go to work for he Army as a Civil Service employee. I married a Japanese girl in 1957. I returned to the U.S. with my wife and aby daughter in 1959. My daughter is now married, a registered nurse and has two sons. I also have a son who graduated from The Ohio State University and who now works in the insurance business.

My hobbies? I like to fish and my

annual fishing trip to Minnesota is coming up in July. It will also be the fiftieth reunion of my high school class. I like to garden but ailments are making that more and more difficult. I have a greenhouse full of cactus plants. I like country music. I used to collect military medals and decorations but that became too expensive. I used to play the harmonica.

When my son was sixteen he decided he wanted to be an engineer. He ended up with a degree in advertising and now works as an insurance adjustor. I decided if he was going to be an engineer he should know something about computers; we went shopping. He picked the TI-99/4A because he liked the feel of the keyboard. I have never regretted that decision. It turned out that my son was too interested in sports and girls, cars and girls, and girls and girls, to take an interest in the computer but I became fascinated by it.

I taught myself to program by starting with the "blue book" and other books that came with the computer and by translating the Microsoft Basic in David H. Ahl's books of computer games to TI basic. Within a year I had written about ninety programs. At that time the computer world seemed to be engaged in a conspiracy to ignore the TI-99/4A. I scanned every computer magazine on the newsstands and never found a mention of the TI or an advertisement for any TI product. Finally I did find one small ad and sent for the catalog. The company promptly went out of business! But their catalog had contained a small ad from the old International Users Group; which had started out as the first TI user group and had been converted by La Fara into a business, selling public domain programs for three dollars each. I began buying and swapping programs from the IUG.

About that time I made contact with a few local users and we started a user group in Columbus. This also brought me into contact with some wheeler-dealers who wanted me to go into partnership with my ninety programs and their one or two programs. It was mainly to get them off my back that I decided to start Tigercub Software on my own.

Since I thought my programs were no better than the best of the public domain being peddled by the IUG, I set my price at $3.00, others were charging three or four times as much, and at the time I didn't know how poor some of their programs were. At that price I couldn't afford the advertising rates of 99'er magazine (I didn't know that most of their ads were run on credit, and the 99'er never got paid!) so I started mailing my Tips from the Tigercub to about two hundred user groups as a promotion idea.

Texas Insturments was being hurt, in the advertising wars, by allegations that few programs were available for their computer (because they had discouraged third-party competition). So they had published a delux quality catalog listing of every TI program they knew of (which was mostly everything in the IUG public domain library) and mailed it to every registered user.

Texas Insturments was also actively promoting user groups and had appointed a user group coordinator. I think his name was Ed Weiss (author's note: Ed Weist). He visited our user group, along with programer John Phillips and demonstrated the newest TI software- Hopper, and an unfinished FORTH. I cornered him after the meeting and asked if they intended to republish that software catalog. He said they were planing to and definitely wanted to list all my programs. The next day, I mailed him a copy of my catalog and copies of all my programs. A week later the ax fell, Texas Insturments announced that they were abandoning the TI-99/4A! I had missed the chance to have my advertising mailed, at no cost, to a million users at a time when programs were still scarce and I was offering ten times as many as anyone else, at by far the lowest price! Such is life.

The above is taken practically verbatim from a personal letter from Jim Peterson to the author.

RANDOM QUESTION QUOTES

Why Tigercub?

"TIger because I was writing for the TI and cub because I was writing small programs."

How many programs have you written?

"250 plus the Nuts 'n Bolts. I have never owned or written for any other computer except the TI. Pet peeves? Too many to mention. The biggest faults of the 99/4A? The twenty-eight column screen. They could just as easily have given us forty and the fact that strings can only be sorted in the 12K of console ram. This is a little known weakness but a big one!"

"My wife who is sixty-four years of age somehow does not look nearly that old. She speaks a language she sincerely believes is English. After thirty-five years I have learned to understand some of it."

"I like brain games and I think programing is fun! Hard work? Sure but fun! I freely admit that I am a technoklutz."

Irwin Hott says that on several occasions he has been able to help Jim by changing disk drives and performing other maintenance chores. To appreciate this you must realize that Irwin is blind.

What is Jim Peterson's outstanding personality trait? Everyone seems to agree that he goes out of his way to help out. That he is a hard worker. Jim told Irwin Hott that he was going to take 1500 disks to Lima. That boggled Irwin's mind. Irwin said he could not conceive of the amount of work involved in copying 1500 disks to sell in two days.

Editor's note: For you out of towners. Jim's famous Public Domain disks as well as his Nuts & Bolts serirs are available. Write to: Tigercub Software, 156 Collingwood ave. Columbus, OH 43213

TI-Base

- By - Inscebot, Inc.
P.O.Box 291610, Pt.Orange, FL 32129

Version 3.01 Tutorial 22.1.1 By *Martin A. Smoley*
NorthCoast 99'ers User Group – June 14, 1991

Question And Answer?

Having received several questions lately, I thought I'd try to help some TI-Base users and give Deanna a little land fill for the newsletter at the same time.

The first question concerned the compatability of my early tutorials with TI-Base version 3.01.

The answer is that they are not all compatable. One important item is (LINE=80) or (SET LINE=80). This command (which will still be found in my early tutorials) is not compatable with version 3.01 and will cause an error message. If any form of SET LINE is found in the tutorials it should be removed.

In addition to that, I should say that the original tutorials will probably never be updated to match version 3.01 or later. Any differences are not disasterous and should be easily noticed if you compare the new TI-Base manual with the old tutorial printouts.

The second question which may be of interest to all is about Databases that contain 750 records or more and how they slow down the machine, especially when sorted.

I pointed out this problem in some of the last tutorials written, called "Big Databases - Don't Ever Use Them" or something like that. Any database can be broken down into four(4) small databases. This can be done by numbers or alphabetically. If you cannot come up with a command file to determine where a new entry should go, it is fairly simple to do this in your head using a complete printout for some guidance as to which database should get the new entry. If a large database is sorted, APPENDing records is even slower because TIB will find the sorted position for each new entry immediately after it is made. I know it's difficult to do but I always try to make new entries into an unsorted database. When all new entries are complete I SORT the database by one means or another and then do my printouts. If your database has less than one hundred records, don't worry about this problem.

If you have any questions please send them to me Martin A. Smoley, 6149 Bryson Drive, Mentor, OH 44060-2324 and I'll try to write something on them.

Now Let's Get Started

I am going to start at the very beginning with TI-Base (TIB). I'll try and get your system set up with a Database (Db) and a mailing label Command File (CF). If you don't really have the desire to learn this then stop reading now and go away.

OK! You just received your copy of the newest version of TIB in the mail and you don't know what to do first. The first thing you do is put write protect tabs on every disk you received if they don't already have them. After that you should make complete copies of the original disks you received from Inscebot onto new disks of your own, using DM-1000 or some other good disk utility program. After that put the original disks back into the envelope from Inscebot and put them in a safe place. Before you get good at this stuff you may have to make several copies of those originals. "I did."

Now you're ready to read. First read this tutorial June 14,1991 through to the end. Then come back to this point and start again. Now read the TIB Manual at least three times. The first time skim through it to see where everything is located. Make sure to read all of the headings. You can look up things you may be interested in or had heard of previously. Next read the whole manual through from cover to cover, as if it were a novel. Now I want you to read it as if it were a text book and there will be a test. Read each heading a couple times and then slowly read the explanation of the heading that follows it. In all this reading I emphasize READ, do not memorize the text. Just read it hard and try to remember where things are located in the manual so you can jump to the right spot when you have questions later. "After doing this myself I understood, or comprehended about 60% of what I had read." If you don't understand most of it, don't dispair, just look at it as a bigger challenge.

I hope you have a fair working knowledge of FunnelWeb or TI-Writer, because I will be using FunnelWeb quite a bit. So load up your FunnelWeb and by whatever means you can, print out all of the DIS/VAR 80 files you can find on the TIB program disk. I'm referring to README, AIDO6/H, AIDO7A/H, etc. The easiest way I have found to print out a bunch of files is to use DM-1000. When you have DM-1000 running you select 1 for Files and then the disk drive to get a menu. After that you arrow the cursor to the file you want and press (Shift P) to print that file. When finished the menu will come back and you just arrow to the next file and press (Shift P) again. This allows you to quickly print all the DIS/VAR 80 files on a disk. The idea here is to print out all the information available on the TIB disks. The Tutor and Help stuff is neat, but I will not waste disk space to store it. I do not like to read from the screen and I like to search for help at the same time I am looking at the problem on the screen, not flip back and forth to help screens. Flipping tends to confuse me even more. "I confuse easy." Take the AID or Help stuff you just printed and read it through. Take time to compare it to the manual to see if they are the same or if we have gained any extra knowledge.

Before we go to Funnelweb let's run your TI-Base. Put the TIB disk into drive one Reboot or Restart your system (Fctn =) and select 2 for Extended Basic. If all goes well you will see the TIB loading screen. When asked, enter 06/16/91 for the date and press Enter. TIB will now run another bunch of stuff. If all goes well you will be left with a bunch of stuff on the screen you do not understand with the cursor flashing in the lower left corner.

TI-Base

Version 3.01 Tutorial 22.1.2 By *Martin A. Smoley*
NorthCoast 99'ers User Group – June 18, 1991

At this point TIB is like Extended Basic, it's waiting for commands from you. If your printer is PIO then press the ALPHA LOCK for all Caps, turn your printer on and enter SNAP and press Enter. "From now on I will

SNAP <E>   denote press Enter as <E>." If it worked that odd stuff on the screen is printing out. If your printer is set for RS232 then type SET PRINTER =RS232.CR.LF <E> first and then type SNAP <E>.

SET PRINTER=RS232,CR.LF <E>
SNAP <E>

QUIT <E>   If you got a printout, you have just programmed in TI-Base. Now type QUIT <E> to get out of TIB so we can go back to work.

Right now things are going to get tough, but I know you can do it. You should be out of the TIB so fire up FunnelWeb (Fwb). I'm going to feed this to you as I do it, good luck. Put your Tutor disk copy in drive two. You should be in the Fwb EDITOR, selection 1 from the load screen. Type (Fctn 9) then LF <E> then DSK2.TUTOR/C <E> and the Tutor file should load in. "It's a long CF." Now with your printer on type (Fctn 9) then PF <E> then PIO or RS232 <E> to get a printout of the complete file. First thing after that press (Ctrl 0) for no word wrap. This gives you the little rectanglular cursor, and most important, it stops Reformat. Any time you work with CFs, which have no carriage returns, if you hit Reformat you'll find your whole file jammed into the upper left corner af the screen. Next arrow down to the first CLEAR, I think it's the fourth line and using (Fctn 3) to delete all the lines from and including CLEAR down to and including CASE A="1", about line 28. Now arrow down to CASE 1=1. Using (Fctn 3) again, start deleting, including CASE 1=1, all lines down to and including ENDWHILE. "That pruned her down a bit." Now as you slowly arrow back up to the top of the page, as you pass each line starting with CASE, use (Fctn 1) to delete everything after the word CASE. The phrases you are deleting look like A = "P" and A = "O" etc.

```
SET TALK OFF
SET RECNUM OFF
SET HEADING OFF
        USE INTRO
        PRINT ALL ITEM
        CLOSE
~~~~~~~~~~~~~~~~~~~~~~~~

~~~~~~~~~~~~~~~~~~~~~~~~
        USE REPORTS
        PRINT ALL ITEM
        CLOSE
        USE CONTROL
        PRINT ALL ITEM
        CLOSE
RETURN
```

As you complete those deletions, arrow all the way to the top of the page. Once there we will do some Replace String stuff. With the cursor at the top of the page press (Fctn 9) then RS <E> then type /CASE/CLOSE/ <E> and when Fwb hits the first CASE and asks you Replace Y/N you press A and Fwb will Replace All of the CASE words with CLOSE, and you'll find yourself at the bottom of the file. Press (Fctn 6), ROLL UP, several times to get back to the top of the file. Now press (Fctn 9) then type RS <E> type /BREAK/PRINT ALL ITEM/ right over the old phrase and <E> and again when asked Replace all Y/N press A for Replace all. If everything worked right this CF is ready to use. Press (Fctn 9) and PF <E> to get a printout. When the system comes back from printing press (Fctn 9) and SF <E> and <E> again when the filename appears to save the new file over the old TUTOR/C file. If this doesn't work we always have the original Tutor Disk to use to get another copy Note: The listing in the lower left hand corner is a listing of the finished Tutor CF with all of the middle of the program chopped out. The stuff I chopped out was just repetition. All the commands in the middle of your file will have a USE "name", such as USE FIND, followed by the statement PRINT ALL ITEM and then CLOSE. The beginning and end of your file should look like the file I have listed. This CF will now print out all the tutorials you previously had to read from the screen. Let's try it out. With the file saved back to the Tutor disk which should be in drive 2, quit Fwb, place the copy of the TIB program disk in drive one and select Extended Basic to load TIB so we can run the TUTOR CF. When TIB asks for the date enter it and all the stuff I

06/18/91 <E>   have listed here in larger
SET PAGE=000 <E>   print. Enter each line
SET DATDISK=DSK2. <E>   separately,
SET PRINTER=PIO.CR.LF <E>   pressing ENTER
DO DSK2.TUTOR <E>   where the <E> is located. You need not enter

SET PRINTER=PIO.CR.LF, that is already set. I put it here because this is where you would enter SET PRINTER=RS232.CR.LF if that is the comfiguration for your machine. If that is the case, change PIO.CR.LF to RS232.CR.LF and use that line. If I have explained everything right and you have typed it in correctly your machine should do a bunch of grinding and searching and print out the whole tutorial disk of information. If none of this works for you, you can still get a tutor printout. Type in the first four lines as above, without the DO DSK2.TUTOR. Then type USE INTRO <E> then PRINT ALL ITEM and after the printer is done type CLOSE <E>. You must repeat these three steps over and over, until you have used all of the different names on the original Tutor CF, down to and including USE CONTROL. This is possible because a Command File (CF), is just a group of commands that you would enter on the screen with the <E> put in automatically at the end of each line. At any rate start reading again. Read all of those tutorials carefully and check to see if there is any information in them that is not included in the manual or the Help stuff you read before. If you find anything on any of the printouts that is not included in the manual or is explained in a different or better way, mark it with a colored pencil or something, so you can reference it later. Between now and next month, when I will wrap this up, go back and read my tutorial in the NorthCoast Newsletter from Sept. 1988. "I know this is confusing, so write me, ask questions, and tell me where I went wrong." Martin A. Smoley, 6149 Bryson Drive, Mentor, OH 44060-2324.

Good Luck.   Marty

This small program is one of my most used programs. I can never remember the number associated with a key press or ASCII symbol. So, I threw this thing together. Let me caution you before I continue. Do not run this program until you have saved it. Once you start it, the only way to stop it is to turn your computer off. Function Quit and Function 4 are disabled so you can't break back in or kill it. This was done so that all combinations of key presses could be viewed. If you dont want these features delete line numbers 160 to 190. You must delete line 170 if you dont have memory expansion hooked up or a syntax error is generated.

Once this program is running, press any key.
It's number will be displayed.
If an ASCII symbol is associated with that particular key press it will be displayed just to the right of the number.

This program does not break any new ground. However you might find a part of it to be of use. I have added one of my favorite little details to it.
If no key is pressed for a given amount of time it jumps to a screen saver type of subprogram.

The BLANK variable is a counter. This clock ticks away and if a key is pressed it is reset to zero and begins again.
If no key is pressed it jumps down to line 400 and stays there until a key is pressed.
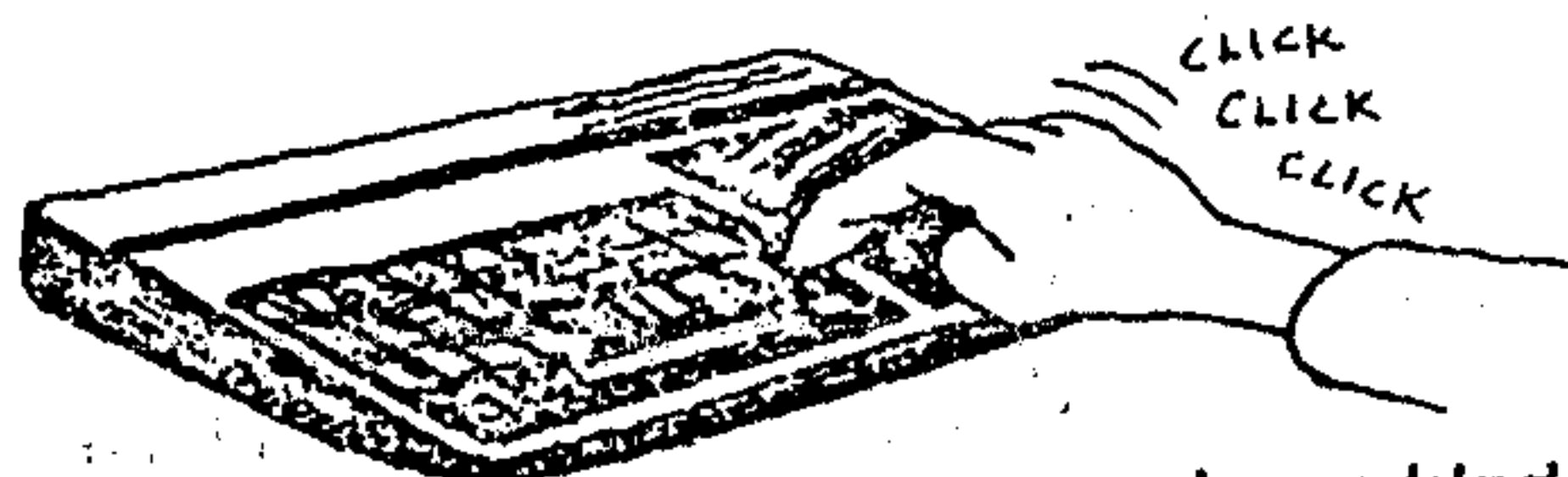
```
100 ! KEY TO NUMBER PROGRAM
110 ! extended basic & 32k
120 ! by Bob Webb, 6-1991
130 ! Caution: you will have to
140 ! turn off computer to end.
150 !
160 ! CALL LOAD disables quit
170 CALL INIT :: CALL LOAD(-31806,16)
180 ! ON BREAK NEXT disables ftcn 4
190 ON BREAK NEXT
200 !
210 CALL CLEAR
220 BLANK=0
230 DISPLAY AT(5,5):"KEY TEST PROGRAM"
240 DISPLAY AT(7,5):"Press Any Key."
250 DISPLAY AT(9,5):"It's Number will"
260 DISPLAY AT(10,5):"be displayed."
270 !
280 ! MAIN LOOP
290 !
300 CALL KEY(0,K,S)
310 BLANK=BLANK+1
320 IF BLANK>1000 THEN 410
330 IF S=0 THEN 300
340 DISPLAY AT(12,4):K
350 DISPLAY AT(12,10):CHR$(K)
360 BLANK=0
370 GOTO 300
380 !
390 ! BLANK SCREEN
400 !
410 CALL CLEAR
420 CALL KEY(0,K,S)
430 IF S=0 THEN 420
440 GOTO 210
```

This second program can be added to your own program. It has the same kind of screen saver loop in it as the first. after the GOSUB statement you can test for which key was pressed (IF K=13 THEN X). Happy Computing, and long live our 99/4a!

```
100 ! KEY LOOP - extended basic
110 ! by Bob Webb, 6-1991
120 CALL CLEAR :: DISPLAY AT(10,7):"TEST"
130 GOSUB 180
140 CALL CLEAR :: DISPLAY AT(10,7):"ENTER"
150 ! 13 IS THE ENTER KEY
160 GOSUB 180 :: IF K=13 THEN 140
170 GOTO 120
180 ! PRESS ANY KEY LOOP
190 FOR BLANK=1 TO 200
200 CALL KEY(0,K,S):: CALL HCHAR(24,16,32)
210 IF S=1 THEN 250 :: CALL HCHAR(24,16,107)
220 NEXT BLANK :: CALL CLEAR
230 CALL KEY(0,K,S):: IF S=0 THEN 230
240 GOTO 190
250 RETURN
```

MUNCH Financial Statement for September 30, 1991

ASSETS

Cash	$232.21
Postage	14.50
Computer System	350.00
Disk Library	300.00
Blank Disks	125.00
High Speed Copier	75.00
TOTAL ASSETS	$1,096.71

LIABILITIES:

NONE

Statement of Income and Expenses for the twelve months ending 9/30/91

Income:

Dues	$375.00
Disk Sales	398.15
Raffle	116.00
Newsletter subscriptions	49.50
Donations	20.00
TOTAL INCOME	$958.65

Expenses:

Newsletter	$386.77
Postage	366.09
Disk purchases	357.87
Hall Rental	300.00
Hardware purchased	55.00
P.O. Box Rental	35.00
Bank service chg.	39.25
Fayah Expense	25.00
TOTAL EXPENSES	$1,565.83

Respectfully submitted,
James W. Cox
Treasurer

8

MUNCH OFFICERS AND NUMBERS (all in 508 area unless noted)

President	W.C. Wyman	865-9683	
Vice President	Bruce Willard	852/3250	MUNCH DUES
Secretary	Jim Cox		
Treasurer	Jim Cox	869-2704	NEW MEMBERSHIP $25.00
Acting Editor	Jim Cox		RENEWAL MEMBERSHIP $15.00
Adv.Prog. Chair	Dan Rogers	248-5502	NEWSLETTER ONLY
Library	Al/Lisa Cecchini		SUBSCRIPTION $12.50
Disk Librarian	Lou Holmes	617 965/3584	
Tape Librarian	Walter Nowak	413 436/7675	
NEW-AGE/99	Jack Sughrue	476/7630	

OCTOBER MEETING. We had 17 members at this month's meeting. Jim Peterson's
Q-Bert type games were demonstrated by Don Constantineau. There were 10
variations in all and they were very entertaining. Brian O'Brian won the raffle.

NOVEMBER MEETING. This month will feature the latest version of Funnelweb. It
is 4.40 with enhancements by Jack Sughrue and Charles Good. I'm sure Corson
will have something interesti(n)g to talk about or demo. I will remember the
blank disks for sale.

RAFFLE. Every month we have a raffle to help defer the rental cost of our
meeting hall. A typical raffle will have game and utility programs T-Shirts,
books, bumper stickers, blank disks and all sorts of odds and ends for the T.I.

LIBRARY NOTICE. Please return any items borrowed from our library. If you can
not come to a meeting or give these items to someone who will be at the
meeting.

REPRINTS. Reprints are permitted as long as credit is given to M.U.N.C.H.

ARTICLES. I am always looking for articles for this newsletter, anything which
interests you will probably interest other members of the TI community, so
please share your ideas and opinions with all of us.

DISK LIBRARY. The disk library will be at the meetings from now on. We have
copies of all disks in the library and they are available to members for just
$1.50 each for single discs, $2.00 flippies, $3.00 double discs aand $4.00
double flippie.

FOR SALE. The group has a TI Count Business Software package available for
sale. If interested contact Jim Cox at the above numer or the club address.

DISK OF THE MONTH. This month's disk is a surprise because I haven't got
anything ready yet.

The B.C.S. has announced the date for the 1992 T.I. Fayah, it will be on
Saturday April 4th at the Waltham Junior High School. Let's start to make plans
now for the Fayah.

WELCOME NEW MEMBER: Stanislaw Mezner of Webster.

!

Mass Users of the Ninety-nine and Computer Hobbyists

NOVEMBER 1991 Monthly Newsletter   Version 10.11

HAPPY THANKSGIVING

THAT'S EASY FOR YOU TO SAY!!!

ADC

M.U.N.C.H.
560 LINCOLN ST.
P.O. BOX 7193
WORCESTER, MA. 01605-7193

29 USA

FIRST CLASS

Next Meeting NOVEMBER 12th

POSTMASTER: Forwarding and Address Correction Requested.

S6