

Welcome to the age of the computer.in the home! Future meetings will be held the third THURSDAY of each month at 7 P.M. at the IAA Building in Bloomington. Future dates include May 16 , June 20 , and July 18 .

The program for May will consist of:

* Qur normal busimese meeting.
* Program demonstration ty Ray Hinrichsen
* Spelling tutor deme by Sherwood Smith
* Disk catalog program demo by Brian McFeeters
* Special Interest Group (Sig) Meetings
***** PRESIDENTS NOTES *****
For those members who did not attend our April meeting, the membership voted on a new meeting location. All meetings starting with this month will be at the IAA Building. Please look at the map and instructions for entering the builing included with the newsletter.

Although Turner Hall at 1 SU has been a good meeting place, it was felt that a smaller and more personal room was needed. Since our membershif has dropped to less than 25, we looked for a room that could seat that number around a big table. Ray Fisher and Aubrey Johnson suggested we use one of the training rooms at IAA. Hopefully, the smaller room will help promote more discussion compared to the classroom atmosphere at ISU.

I know everyone is getting tired of me asking for software demonstrations at the meetings, but 1 am having trouble getting people to volunteer. It seems the same peolple are always giving the demos. Sam, Sid and Steve gave fine demos last month. They showed how easy it $i s t o d o$. Any program or cartridge can be used. Just give it a little thought and volunteer.

See everyone May 16 at our new location. Brian Mcfeeters

Last month, our new litirary and membership cards were distrituted. If you did not receiue yours, please see Ray Hinrichsen at the May meeting. You will need a nem 1 Gige litirary card tocheck-cut disks ar cassettes at the meeting.


Sam Shank is still in the process of trading programs with the
 to purchase 20 blank disks for the library. Volunteers will be needed to help download the new programs to disk and cassette. See Sam if you would like to help.

## 

```
FOR SALE: TI-99/4A with modulator, manuals, and joysticks
    Farsec, Household Budget Migt., Uideq Games 1, Early
    Learning Fun, The Attack & 30 programs on cassette
    asking $s0.00 call Dave Vandergrift
    662-3680 (home)
    557-2983 (work)
```

The article on protection was taken from the Jan8s issue of Topics ty the LAgger"s. Thanks again to Jim Peterson for his TIPS FROM THE TIGERCLB. The Mickey Mouse frogram was taken from the Febes issue git AgCUG CALL NEWSLETTER.

A program written in TI-FORTH to print mailing labels or phone lists is being offered by Famsoft Enterprises. The program is called TC-MAIL. It has a 40 column display, fast sorting and sells for $\$ 9.95$ plus $\$ 1.50$ shipping and handling. You need extra memory, Editor/Assembler and a disk drive. The address is: Ramsoft Enterprises, 1501 E . Chapman Ave, Suite 338, Fullerton, CA 92631.

## 

Unisource Electronics is offering a program for users groups to earn credits for free merchandise. Euerytime a group member orders from them, $4 \%$ of their total would credited to the user group account. To qualify, we need to send Unisource a current membership list. Also, only one person from the club can order to get the credits. We need to discuss at the next meeting whether the club is interested in the program.

One last reminder! The May meeting will be at the IAA building instead of ISU.

100 REM MICKEY MOUSE WFITTEN EY: DAVE ROEE CIN-DAY USER GROUF
180 CALL CLEAF
190 CALL SCREEN(16)
200 FOR A=1 TO 14
210 CALL COLOR(A,2,1)
220 NEXT A
230 FOR E=35 TO 138
240 READ A生
250 CALL CHAR(E,A生)
260 NEXT B
270 RESTORE 600
280 FOR C=2 TO 13
290 FOR D=13 TO 19
300 READ E
310 CALL HCHAR( $C, D, E)$
320 NEXT D
330 NEXT C
340 FOR F=18 TO 20
350 FOR $G=6$ TO 26
360 READ H
370 CALL HCHAR $(F, G, H)$
380 NEXT G
350 NEXT F
400 CALL KEYCO,1,J)
$410 \mathrm{IF} \mathrm{J}=0$ THEN 400
420 CALL CLEAR
440 DATA $0000000000000001,00000000073 F 7 F F F, 0000000080 \mathrm{FOF8FC}, 0000000000010303,000$ 73FFFFFFFFFFF,00COFOFCFEFEFFFF
450 DATA 0303070707070707 ,FFFFFFFFFFFFFFFF, FEFFFFFFFFFFFFFE, 00000000071 F9FFF, 0 90 $30303 E 1$ FFE $3[1$, FFFFFFFFFFFFEFCFE
460 DATA $07030301, F F F F F F F F 7 F 1 F, F F F F F F F E C E 1 C 1 C 3 C, C 3811820200 E 112,8 C 928200001022 E 1$ ,FF7738381CICIE1E,FOC
470 DATA 3CЗC3E SE 3F3F301,2020262727128001,011939391100F8FC,1E3E3E3E41,0000000000 804040,2020202110100807
480 DATA $014181404020100 \mathrm{~F}, F \mathrm{FFFFFFF000106FC,402050818204186,40408,0000000105070F0}$ F,000FFFFFFFETEFD
490 DATA C2F1F8FEFFFFFFFF, $2409 F 3078 F F F F F F F, 8000008080 C 0 C 0 E, 0 F 0 F 060404080 E 0 E, 9006$ 387878787161,1F070060FOFOFOF
500 DATA FFFFFFTEBE 131 FOF, EOEOFGFOFEFEFCFC, 0808080804040404,0101, FOEOC, OFGFOF1FI C10101,FOEOEO8,0808080403
510 DATA $0010080402 E F 1 F 0 F, 0000000000$ FF7FBF, $101008080830 C E C 1,00000000000000 \mathrm{E}, 0000$ $0000001 \mathrm{~F} 608,0703010100 \mathrm{C03C03}$
520 DATA BFDFDFEFEF77E71E, COCOEOEOEOFOF8FC,1F,00F8060101010638,000101010101
530 DATA $8000000000008040,000 \mathrm{CO20101,1F0B080C0A894804,FBF8F00000810204,F01E02014}$ 08,000000C030080404,20180403
540 DATA 000000807F,040A19608,081000C020180601,00000000000003FC,0404040ع10e0E, FE FCFCFC3038383C,0303030300010103
550 DATA FOFOFOFOCOCOCOCO, 307878300000007,000000000000003E,1C1C1C0404040404,0000 $0000000000 \mathrm{FE}, 000000000000001 \mathrm{~F}$
560 DATA $000000000000007 \mathrm{C}, 343633333131$ FCFC, 02060C0C9898F363, COCOCOCOCOCOFOFO, 707 $010101010107 C$, 7F7F41404040417F
570 DATA 040404050704041 F, FEF $860804060307 \mathrm{C}, 7 \mathrm{FFF} 41417 \mathrm{E} 40417 \mathrm{~F}, 1 \mathrm{~F} 1 \mathrm{~F} 040402020101$, 707 C1010202040C, FCFC, 6303,F0F0
580 DATA $7 C 7 C, 7 F 3 E, 1 F 1 F, 0000000000030303,8080808080 E 0 E 0 E 0,0000000000000010,00000$ 0000000007 , 7F7F41414141417F
590 DATA $1 \mathrm{C1C08080808080F,71712121202021F5,FCFC0400F80404FC,0F07,F9EE,FCFE}$
600 DATA $35,36,37,32,38,39,40,41,42,43,44,45,42,46,47,48,49,50,51,52,53$
610 DATA $32,32,54,55,56,57,58,32,32,59,60,61,62,63,32,64,65,66,67,68,32$
620 DATA $32,69,70,71,72,73,32,32,74,75,76,77,78,32,32,79,80,81,82,83,32$
630 DATA $32,84,85,86,87,88,89,90,91,92,93,94,95,96,32,97,98,99,100,101,102$
640 DATA $103,104,105,106,107,108,105,107,110,111,32,32,32,103,104,105,107,130,13$ 1,105,107

650 UATA $112,113,114,115,116,117,116,115,120,121,32,32,32,112,113,114,132,133,15$ 4,135,119
660 DATA $122,123,124,125,126,127,125,126,126,125,32,32,32,122,123,124,126,134,13$ 7,138,126

FEM $=$
or PROTECT ( $1 / \mathrm{N} ?$
by K.Johnson, SFugger s.

When recording your program or files, you might not feel like
committing suicide sometime if you will always make a 'EACKUF' copy, either on disk or tape. Inherently, disks are more likely than tape to "crash" because of dirt, fingerprints, bad spots in the disk surface, scratches, momentary contact withmagnetized metal, a 'zap' by a magnetic field from a transformer or being just plain more 'goofable'. If you are constantly updating files of some kind (tax records, mailing lists, etc.), don't forget to update your backups. Remember the 3 laws of computer keeping on disk or tape:

1. Thou shall always make backup copies of programs ard files.
II. Thou shall always make backup copies of programs and files.
III. Thou shall always make backup copies of programs and files.

Protection for an entire disk against 'goofing up' by writing over something you wanted to keep, is to use the 'write protect' tats supplied with your blank diskettes. If you don't have any of these tabs (silver or black stick-on labels about 1/2"X1"), a short piece of masking tape or other non-transparent tape or labels will work. on the diskette protective cover there should be a small ( $1 / 8^{\prime \prime} \times 1 / 4$ ") rectangular noteh cut out of one edge (cut out of 2 edges if it is a "flippy floppy"). This notch is the "write protect window", which if covered will not allow any recording on the disk (because of a special "lock-out" system inside the disk drive). To protect the whole disk, cover the write protect notch with a write protect tab or tape piece; wrap it around the edge at the notch so it is covered on both sides of the diskette cover and no tab "stickum" shows. On the flipfy floppy (double sided disk used in a single side drive) cover the notchies) for side(s) you want to protect. The tab can be removed if you ever want to SAVE to the disk. If you try to SAVE to write protected disk, you will get "I/O ERROR E1".

Single files or programs may be protected on disk by use of the $T I$ DISK MANAGER command module (or comparable 3rd party device) by going to FILE COMMANDS and then MODIFY FILE FROTECTION. Denoting Y(es) ta the PROTECT(Y/N)? question for a particular disk and file (program) name will prevent only that file from being accidently changed, overwritten or deleted. The protection can be removed by going back through the sequence and answering $N(0)$.

Entire cassette tapes may be protected from being accidentally ouerwritten or partially erased by inaduertently pushing the RECORD button while playing in a program or file). This is done by breaking the small plastic tab(s) (one for each tape side) out of the bottom edge (edge opposite tape window) of the tape cassette. The tab (about 1/4" square) covers a hole in the tape cassette which when uncovered and the cassette inserted in the player, causes a mechanism to lock the RECORD button so it can't be pushed. Covering the hole with a piece of tape allows the cassette to be recorded on again.

A single program or file on cassette cannot be write protected without protecting the whole tape (by breaking out the tab).

ILSE FRON TH MLKRCUD

## 119

Copright 1985
TIEERCUB SOFTMARE
15d Collingrood Are.
Coluebus, On 43213
Distributed by Iigercub software to T1-99/4n users Eroups for prosotional purposes and in tachange for their newsletters. hay ba paprinted oy non-drofit siers groups, with cresit to tigereub sotuars.

The eatire contents of Iipe fios the Ilgercut mos. 1 through 14, with core adede, we now avallable as a full disk of 50 prograns, routines and files for just $\$ 15.00$ pestozis!
mets \& Rolts is a diskfull of 100 ithat's right, 100 !) diasic utilaty subprograts in herge fornat, ready for you to serge into your omn prograes. Contmis include is trop fonts, 14 text display routines, 12 sorts and shutlies, 9 data baving and reading routines, 9 mipes, pauses, basic, 2 protection, etc., and now aliso tutorial on using subpregrats, all for just 819.95 postpada!
and 1 have about 140 other absolutely oriainal prograsi in pisice and xbasic at oniy 13.00 eath! plus bl.50 par opere for casetta, packing and postage, or s3.00 for liscette, PPM) Soap users groups eharge their aeabers that much for public doadin prograss! ! mill send you ay desersptive catalog for a dollar, which vou can then daduct fros your first order.

Folks, 1 just can't afford to keed aniling out these lips if you con't pur sonething once in ambile! I ta hearing fros sore and
wore prouns mo mat to oft a or eailing list, wela maviag to cut lact. Ia trepping those groups wilch con't sive sar indication that taeir ombers orer pit to set the Tips, and lill have to cut further. If you to send ac an order, or eren ask for ey catalog, mention your users group so l'll thom thery is sonsone still alive out there!

If yow thom of any schools in your aret, especially elenentary schools, that have $11-99 / 4 \mathrm{As}$ in the classroos, mon't rou please give of their adoress? l'll send then a fret Eitaiog.

Danny michan! las iaproved his araphics serien sued to include rotate and coubl: size! It is in asseably, very fast, and puns out of lisasic, E/A codule or hini Mesory. He has also written an assecoly Meatlist progran mich lists in IBajic ingegrat to a prater in single line itatesents, indented, expanded, etc., very uspiul for debugging, setting up pre-sean, etc.

These are freemapa, bay If you mant and whaterer you mant. Just send an inatialized disk for tither ons, or twe cisks lor 5SDD or flipayl for both, in a raturnable miler mith emoueh return postaee, to

Danny hicnatl,
Rt 9 Dox 460
Florenct, AL 35630.
dohn Hasilton of the Central lowa Users Group will send you his 22-plest botlet of '99 fips' for the 11-99/4A, for just 84.00 . The address is

John Hanilton,
4228 E. Clinton, Des hoines 1430317.

1 have been
eroerisenting

IIthiter, and this lase of the lips is mimpriated in 4 colums, Pipht justified directly froe the miater. Hori's itom -

Une II-Heller, editor eooe, in any line length you mant. The first line should De .RH 27,Flian but don't use any other formatter codis. Don't indent paragraphs. Use sose other charater os thepary substituti for any ${ }^{4}, \mathrm{t}, \mathrm{t}$ or it the text. gon't inclute any progras listings, yet.

- gave the file as DSKd.TEXT. Priat an edit copy. Jien so lato forsitter sodr. Select BSKI. IEII to be priated, but instess of your priater speci, typa DSKl. IExI2. Your the will nom de ia 20-coluen fersat and right justified, and indented.

If the text is to include any progras listings, run thes through ay 28-Coluan convepter (ace Iips 1181, wsing the Editer aption of that progras.

60 back to il-Mriter editor and load DSK..TEMI2. herge in the prograt listings. Then PF to print file, but instead of a printer apec, type $C$ DSEI.TExT3. When it has printed to disk, LF the ISK.IEXR and you mill tind that all control characters spe gone.

Hom for a lit of coiting. Delete the J bjank lines at the baginning, and the blank lines that heve appeared after every 60th lina. Center the title by erasing with the space bur and petyping - do mot use FCTM 2! Alio pealace any tenporary characters with the *, t, tor 1.

You mill orint 4 coluans of 60 lines per bage, so the total lines in youp file sust be a oultiole of 240 . Aed enough Dlank
llaes to the mo of the dle ta reash that cownt.

Geve that fili back to dist as BSxl.TEITS. Mon go tato duste, tey in thas wagras and tim!

100 OPEM 11.'DSK1. TEIIJ', IKP
 255 11 PRIMT 121CHRI (15):CH Rs (27),CXP1 (69) II DIM gs 1240 1
110 FOR AE! 10211 FOR Pal 1024011 LIMPUT IIIBIB): MEIT 1
120 POR C=1 106011 PRIMT:
 -60) ; TAB (72); 13 ( $C+120$ ) itab 11 031 ils (C+180) 11 MED C is PR IMT 221CHR (27) |CNR (97), CKR
 CLOSE 12 II END

The A loop is for a 2-page printout of 480 lines, of course.

Yow can codify this roctine to print in 2 or 3 coluans, afjust the ourgins, change the trpe font or size, rewrite for your own printer, ste. and the coluan midth can be anything you mant, just change that .fh 27 in the first line of the text Idon't for get that the left sargin is set at 0 , not 11 .

If you want a 2 -coluan page, you can duap the file back to disk instead, and thea priax it out of fl-writer editor. Use this poutime, codified a yous mish.

100 !opens a flle TEXIJ of 2 40 lines 35 char long and 60 nuerts it into a file which can be arinted out of $11-\mathrm{mp}$ : ter Editor as 2 pagis in 26 oluans
110 OPEN HI'PDSKI,TEXTJ', IMF UT IS DPEN 12: 'DSKL.TEXT4',0 UTPUT $: 1$ DIM BP(120)
120 FOR A 1 1 10211 FOR Bal 10120 il LIMPUT $1118 \mathrm{BI}(8) 1 \mathrm{~s}$ MEXI I
IJO FOR Cal TO 60 :I PRIMT

 C 11 FOR DEI TO 11 PRIMT： $23^{\circ}$＂\｜MEIT D \｜MEI A 11 CLOSE 11 11 CLOSE 12

It is best to puna propras to set up your printer，and lavi it turned on，betori printiag that fll：out of the Editor．It is not at all esiy to labed control characteri in the tlle，because they affect the line in all coluans and also shift the lines out of alionment．

I understand that there a couple of kids who wait every eonth for thesp dad to tey thee in a bit of nonsense froe the ligarcut， 10－

100 ！KEylap－by dia Peterso n
110 DISPLAY ATIG，Il）ERASE AL li KEylap＇is DISPLAY alliz， 1is＇lap the lprate by typ ing the key in the correspon dirgoosition an the terboard －
120 015PLay at（24，10）：＂Fress any koy il CALL KEY（O，K，S） II IF 5ad THEM 120
130 RANDOAILE
140 CALL CHAR 147 ，＇817EA58199 A5423C： 1
150 CALL CLEAR 11 iaO 11 CAL L FLASH（T）
160 CRLL KEYイJ，x，silis lf ST － 0 IHEN 180
 90 ELSE CALL KEYBCARD（K，I） 1BO CALL MOTIDX（11，258RMD－25 IKND，25IRKD－25IRNDIII CALL C OIKC $141,12,16$, A）II IF $\mathrm{A}=\mathrm{O}$ TM EN 100 ELSE CALL FLASH（T）II 6010160
190 CALL DELSFEITEIALL／II：DI SPLAY AT（12，9）1＂EARE OYER＂I ：DISPLAY Al114．91：＇SCOKE＇IT
＂1 DISplay alide，91： 0 play a BAla？＂
200 CALL KEYM，K，SMAI IF SOI then 200
210 If K＝89 1KEX $0=0$ ：1 6010 130 ELSE END
220 SUG KEIbOGKD（Ki） 1 ）
250 IF FLAG：I THEK 750 A1 FL

ABed
240 KEYI：－1234567890－DHERTY
 CVBKR，：

HEN SUBELIT ELSE I＝POS（XEYS， CHR（K），II：$Y=A B S(X): 1)-(I)$ 22）－（I）J3It） 11 ReYB6 If Cal （1）（Y） 1$):(\mathrm{r}-1): 1 \mathrm{f}):(3)$
260 CALL SPRIIE $12,42,16$, RIB -7, C18－7） $1:$ CALL CDINCII！，12 ，16，XI：I dF Noo TMEN SUBEXIT 270 CALL FLASK（T）：I SUBEND 280 SUS FLASH（T）：I FOR W： 19 010 ：1 CALL SCREEM（16）IICA LL SCREEM（B）II MEXI W II CAL L SPRITE（11，47，2，1，111：lath 1 II DISPLAY AT（I，20）：I is 8 UEEND

## And here＇s another－

100！WICK \＆DIRTY DODOEER by die Peterson
Use joystict 11．Press firt button to change color or pattern，Enter to clear the screm．
110 DAIA FFFFFFFFFFFFFFFF，FF ，0101010101010101，0000000000 OODOFF，8060808080808CB， 02020 4081020408，8040201008040201， FFB18181818181FF
120 Call CLEAR 4 for del To 8 II READ CHI（J）：NEXI IJO FOR CHE32 10 136 STEP B is FOR CN＝CH $10 \mathrm{CH}+7$ i： $1=1+$ 1 is CALL CHAR（Cn，CHB（X）III HEXI CK IS $1=0$ II MEXI CH II CALL CHAR（32，＂0＇）
140 CALL SCREEN（16）II FOR 5： 2 10 14 ： 1 CALL COCR1 $3,5+1$ ，
 11 CHE 3 C
150 CALL HCKAR $(R, C, C H)$ ： 1 CAL L FASTJOY（C，R，Q）II IF Q＝18 I MEN $C H=C H+1+(C H=143) 1110$ 160 CALL KEY $(0, X, S) 11$ IF $\mathrm{K}=1$ 3 TKEN CALL CLEAR 11 GOTO 15 0 ELSE 150
170 SUB FRSTJOYIC，R，Q／I：CAL L Jorsill，I，YII CALL KEYII，
 ：$C=C+1+1(=32)-(C=1) / 1) \mathrm{E}=\mathrm{R}+\mathrm{Y}$ －（R＝21）－（R＝1）$\|$ SUBEND

And a pretty one－

100 CALL CLEAR is CALL SCREE （2） 11 fOR $5=2$ TO 8 II CALL

CODR（5，15，1）11 KEIT \＆ 11 DI SPLAY AII $12,711^{\circ}$ KALEIDOSQLAR E8＂！by dia poterion 110 FRR CHacio 10 136 SIEP 8 If FOR Lel TD 4 II RAKDCHILE
11 18：SE61（＇0018243C425A687 E8199ASBDCJDBE7FF＊ 1 IKI（1688＊ p＋1112－1，21

MEXI L $I$ CRLL CMARICH，BULCI III BI，CIaKULI 11 MEIT CH
130 FOR 8－2 IO 14 II I－IMTII
3IRMD 2 2）
 $1+(Y a 8)$ THEM 140
150 CALL COLOR $(S, 1, Y)$ II MENT 5
160 AR，R，AVR，VR＝1 ：1 AC，$C, A K$ C，KC＝4 I！TT： 24 II II，IT＝13 170 FOR Lel TO 12 H T＝II 11 XIEXI \｜R＝AR \｜KR＝AVR II C\＆AC 11 HC＝AHC
180 FOR 3＝1 1011 II IEIKTII 38RKD＋2188＋24 11 CALL HCHAR1 $R_{1}$ HC，$\left.I_{1} I\right):$ ：CALL MChar $(25-R$ ， HC，I，TI）II CALL VCHAR（VR，C，I， I）
190 CALL VCHAR $18 \mathrm{R}, 31-\mathrm{C}, 1,1 / 18$ 1 IsT－2 \｜KC＝HC＋1 \｜VR＝VR4 $!$
200 MEXT 』 II ARaRR＋1 II AVR －avR＋1 II AC＝AC＋！II AMC＝AMC
 MEIT L
210 IF IMT（23RKD）（SO THEN 23 0
220 FOR SaIMT（123RMD＋2）ID 14 1）CALL COLOR $(8,1,1) 11$ MEKI 5

230 FOR Jaj 10 INT（20sRND＋1） is $5=1$ INT（13：RND＋2）II XEINTII

CALL COLOR $(S, 1, Y) / 1$ HEXI J
240 CALL SCREEMIIMT（ISIRKD 2 1111 ON INT（STRND＋1）6010 130 ，160，220，230，240
the challange in tios 116 was－how can you store a hunded or eore values of any lize，positive or negative，integer or non－inteper，eyen in erponential notation， ajthout burnsioning an arfay or opening a file，and then lank to another progras mith a RUK stateaent and recovar those values－not by reioing thes fros the screm？I had just one
reply！Wis It too eaty， 100 bare，or doten＇t anyong cate Anymy－

20591 SUB CKARSAYE2（CH，M）II
 LEM（xs） 18 kS
20592 IF POS（K1，＂．＂，1）＝0 TME



20593 IF POS（MS，$\left.{ }^{+}+{ }^{\circ}, 1\right)=0$ THE



20594 IF M（O THEX MSOSEESMA ，1，POS（Mt，＂－＂，（1）－1）\＆＇F－85E5 （MS，POS（MI，＂－＇， $11+1$, LEM（KH）） 20595 CAL CHAR（CH，MU）II SUE ExD

And to recover the valuis－

20596 SUS READCHAR（CH，N）II C ALL CHARPAT（CH，CHO）
20597 IF POSICH：${ }^{\circ} A^{\circ}, \|=0$ IH EM 20598 ： 11 CHISSEES（CHB， $1, P$
 1，POS（CKI，＂$\left.A^{\circ}, 1\right)+1$ ，LEK（CKI）） 20598 JF POSICHI，＇B＇，11＝0 IH

 1，POS（CH：$\left.{ }^{*} B^{*}, 1\right)+1$, LEM（CKO）） 20599 IF POSICKI，${ }^{\circ} \mathrm{F}^{\circ}, 11$ 人＞0 I HEN CHS：＇－＇ESEESICKs，POSICH：

20600 NEYAL（CHB／II SUBEXD

Heri＇t a jemel of a routane from Danny Richael， to avoid those lockups and other foul－upe that occur when you call lwly after you have alrasy called Inll－ CALL PEEX $(B 19 B, A)$ II IF $A() 17$ O THEM CALL IMIT

The best way to edit a propras is to type mun and the first line nusber，then Enter will take you throuph line by line sith no denges of accidentally deluting a line．the edit functions will still work，and FCIN 4 gets you out of the WUN code．
hemory full

Ji Peterson


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F.O. BCXX 766

Bloomington, IL 61701-0766

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EDHONTON 99'ERS USER SOCIETY
F.0. EOX 11983, EOMONTON
ALBERTA, CANADA TSJ-3L1
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| * | MMM |  | MMM | IIIIII | cccccec | RRR |  | 000 | 000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| * | MM | M M | M MM | 11 | CC | RR | RR | 00 | 00 |
| * | MM | M M | M MM | II | CC | RRR |  | 00 | 00 |
| * | MM | M | MM | 11 | CC | RR | RR | 00 | 00 |
| * | MM |  | MM | II | CC | RR | RR | 00 | 00 |
| * | MM |  | MM | IIIIII | $\operatorname{ccccccc}$ | RR | RR | 000 | 0001 |

