

KANSAS CITY TI99/4A COMPUTER USERS' GROUP  
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your index

BLOWN DISKETTE  
SWAP -N- SHOP  
EXPANSION  
PUZZLE  
ONLINE CATLOGGER  
BLOODBANK  
GROWLS  
SHRINK program  
ARCHIVER

AMFJ98N0SAJM87  
DALLAS TI HOME  
Computer Group  
P. O. Box 29863  
Dallas TX 75229



```
#####  
|#|#|  
|#|#|  
|# OUR NEXT MEETING #|  
|# SUNDAY -- MAY 8, 1988 #|  
|# 2:00 P.M. #|  
|# Arthur Mag Center behind M.R.I. #|  
|# Volker Boulevard & Rockhill Road #|  
|# #|  
|# XBASIC CLASS CONTINUES #|  
|# #|  
|# #|  
#####
```

This is from the Archiver II docs  
courtesy of the author Barry Boone

Some comments on Archiver II V2.4

Archiver II V2.4 is being released because Archiver III has been delayed for at least a few months... it is essentially everything Archiver 2.3 would have been had it not been released early, and I think it will satisfy your needs until the next generation of the program is completed.

The following is an explanation of the modifications/additions to Archiver 2.4

How to Archive: First Pack your files into one file from the main menu (opt 1)

Then Compress the Packed file into a squeezed file (opt 3 on the main menu)

\*\*\* Note that this is a TWO STEP process if you want data compression, but only 1 step if you do not

Display Fixed 128 files are Packed Unsqueezed archives, Internal Fixed 128 files are the Squeezed Archives.

To recover files from an archive, you must ascertain whether or not it is squeezed (according to its file type, D/F 128 or I/F 128).

If it is I/F 128 (squeezed), you must Decompress (opt 4) first. You will then have a D/F 128 unsqueezed archive, which may then be Unpacked (opt 2) to recover the files.

The above was to help avoid confusion. Now for the good stuff:

First, the Funnelweb 4.0 loader is now reliable, when you select it, you must tell the program which drive the UTIL1 file is residing on. It will then load and run Funnelweb.

I have now made it easy to sector edit a few defaults: at the beginning of the very first sector in the file, you will note the following (in hexadecimal):

```
>0000,>2000,>2000      the 6 byte header (don't modify this!)
>0460,>xxxx           leave this alone
>315F                 this must be >3x5F, where x is the default input drive #
                       (e.g. making this >345F would default to drive 4 for input)
>325F                 same notation as above, but for the output file
>07F4                 default screen color, must be >07xy, where x is the
                       foreground color, and y is the background
```

\*\*\* if you don't understand the above, DON'T TRY IT!

The menu system has been revised, all input menus now identify themselves by name (e.g. Pack Files is at the top of the screen if that is what you are doing) The Compress/Decompress functions now utilize the same type of menu input as the Pack and Unpack.

ANY function that does both input and output (like Pack, Compress, etc.) now has optional disk swaps, if you choose the same drive for input and output.

The compress/decompress functions are slightly faster, especially with floppy drives... this is not very noticable if you are using a Ramdisk.

The compress/decompress functions now have complete error handling, including a feature of decompress which verifies that the I/F 128 file is indeed a Squeezed file before attempting to decompress it.

The Catalog ARC-FILE option will now catalog BOTH SQUEEZED AND UNSQUEEZED archives, and will tell you if the archive is squeezed at the top of the screen.

Finally, a complete set of file management routines is included, allowing you to catalog a disk, Delete, Rename, Copy, Protect, or Unprotect a file.

Have fun with the program... any minor revisions/bug fixes or whatever will be denoted by a change in the date on the main menu, currently 1/30/88, and will be listed in future versions of this file.

If you have any comments, I may be reached as 76354,1637 on Compuserve, or write to: Barry Boone, Box 1233, Sand Springs, OK 74063

Remember, Archiver II is fairware. Support fairware authors when you use their programs, as this encourages future development.

THE TIGERCUB GROWLS (part one)  
by Jim Peterson  
(reprinted from The Computer Bridge)

GROWL #1

Arto Heino of Australia, being unemployed and in need of income, wrote a great program which is called 'PICASSO PUBLISHER'. He is selling it in Australia through the Sydney User Group, and was hoping to find a solid U.S. software publisher to handle it in this country.

A user in Australia sent a copy of this program to a user in California, and ERRONEOUSLY stated that it was FAIRWARE, although the program bears a copyright notice and no mention of fairware. That California user uploaded it to GENIE, the sysop of GENIE accepted it, and it has by now been downloaded and uploaded back to every BBS in the country!!!

So another good programmer's livelihood has (bit the dust) and we will all suffer as a result. I am sure that Arto Heino will not be writing any updates to his program and will not probably be writing anymore of anything for the 99/4A.

Now if you have Picasso Publisher in your files (which your editor has destroyed in his files) and you are one of the honest users among us, you have two choices. Delete it or pay for it. And don't just pay what you want to, because it is NOT FAIRWARE. The price is \$20.00 Australian, which is about \$14.00 here if our dollar does not become even more worthless by the time this article is printed. If you think that is too much, take a look in a computer magazine and see what such a program for any other computer would cost you. I hope that every user group will take up a collection and send it on to Mr. Heino.

GROWL #2

I recently downloaded a diskfull of programs from a BBS, and found that three of them had a TI copyright notice staring at me from the screen. Two of them were old TI cassette programs which are still listed in the catalog of a major mail order house. The third was a dumped arcade game module.

Now, passing this stuff around is not hurting TI, because they have unloaded all their stocks to retailers. That is where it is hurting. And if those who are supporting us quit. WELL we are really in deep do-do!! TI has stated that they are definitely defending their copyrights on that material, because they have an obligation to those retailers.

If the person who uploaded those programs obtained them legally. He had a legal right to make one archive copy for his personal use. He did not have a legal right to make a copy to an upload disk of a BBS, and exposing himself to prosecution by doing so, because his user number was recorded as the uploader.

He also exposed the sysop of that BBS to possible prosecution. The BBS sysops are giving a great deal of their time and equipment to provide a free service of messages and a source of free public domain or fairware programs. There have been repeated attempts to restrict BBS operations by Federal legislation, to curb the illegal activities of some individuals, so let's not add fuel to that fire!! In my opinion, anyone who uploads copyrighted programs should be permanently barred from the BBS.

Continues next month

School-Puzzle Data

-----  
 A FAKA,FBKB,ICKC,ADND,1113  
 B ODAE,BECE,HEEF,GFNF,1121  
 C GGJG,KGMG,DHLH,CIEI,1151  
 D FIII,BJIJ,KJHK,MKNK,1177  
 E OKAL,BLOL,EMGM,ENJN,1185  
 F EOJO,ZZZZ,ZZZZ,ZZZZ,6381

School-Puzzle Clues

-----  
 Across

-----  
 1A Tries  
 1G What a thief cracks; secure  
 1L School subject  
 2A An established rule or principle  
 2G Ailments  
 2L Egg-shaped  
 3A Tells a story  
 3L Tears  
 4B Carousel  
 5D To be, to Henri  
 5I Wilbur's brother in flight  
 6A Designer Picone  
 6H Study of plant life  
 7A Past participle of get  
 7H Beatles memeber with JL,GH, & PM  
 7N Manganese, abbr.  
 8A A phone company  
 8E Aztec spear throwers  
 8M Spelling contest  
 9A Compass direction  
 9G Three-toed sloth  
 9J Neck scraves  
 10C Season when school starts  
 10L At the end  
 11A Sodium fluoride union  
 11I Not dose or dem  
 12C Basics  
 13A One who fibs  
 13H Character in Shakespeare's  
 "Juilius Caesar"  
 14A What God took from Adam  
 (two words)  
 14F One in "Born Free"  
 14K At no time  
 15A Instruments for rowing  
 15F Impudent speech  
 15K Actress Garbo

Down

-----  
 1A Treat leather  
 1B Test  
 1C Father  
 1D Rush  
 1E Intelligent  
 1G Throne (obs.)

1H Too  
 1I Florida, abbr.  
 1J Accompany  
 1L Time of day  
 1M Eagerly  
 1N Spigot  
 1O Laid in this place, Latin abbr.  
 3F Oppressive ruler  
 4I Perch  
 4K Mr. Jefferson designed this school  
 5O Actor Borhnine  
 6A Coaxes (two words)  
 6B Express an opinion  
 6C Homonym for eight  
 6H Organ for thinking  
 7E Publisher of "Music Construction  
 Set", abbr.  
 7N NY baseball team  
 8G Greek letter with the beta  
 8J Dormant  
 8K Nazi secret police  
 8M Type of snake  
 9D Residential areas on the  
 outskirts of a city  
 9L Wally and Beaver's last name  
 10C Public matter of concern  
 10E 2,000 pounds  
 10F Reverses  
 11I Tens, comb. form  
 11K Pang  
 12H Bog  
 12M To be alive  
 12N Tallow  
 13A Thai language  
 13B Thorn in M. Thatcher's side  
 13O Mrs., in Madrid  
 14G French article

School-Puzzle Solution

-----  
 ABCDEFGHIJKLMNO

-----  
 1 :TESTS\*SAFE\*MATH!  
 2 :AXIOM\*ILLS\*OVAL!  
 3 :NARRATES\*C\*RIPS!  
 4 :\*MERRYGOROUND\*\*!  
 5 :\*\*\*ETRE\*ORVILLE!  
 6 :EVEN\*A\*BOTANY\*R!  
 7 :GOTTEN\*RS\*\*G\*MN!  
 8 :GTE\*ATLATLS\*BEE!  
 9 :SE\*S\*\*\I\*ASCOTS!  
 10:Q\*AUTUMN\*TL\*LAST!  
 11:NAFBOND\*DESE\*\*\*!  
 12:\*\*FUNDAMENTALS\*!  
 13:LIAR\*O\*OCTAVIUS!  
 14:ARIB\*ELSA\*NEVER!  
 15:OARS\*SASS\*GRETA!  
 -----

THE BLOODBANK

Walter H. Blood  
2032 North 32nd Street  
Kansas City, Kansas 66104

MAY 1988

\*\*\*\*\*

```

100 REM CRADLE SONG
110 REM TRANSLATED FOR THE TI
120 REM BY WALTER H. BLOOD
130 REM "FAMILY & HOME-OFFICE COMPUTI
NG" OF NOVEMBER '87
140 DIM D(88),P1(88),P2(88),P3(88)
150 DISPLAY AT(14,7)ERASE ALL:"* CRAD
LE SONG *"
160 DISPLAY AT(20,7):"Loading data ..
."
170 FOR X=1 TO 88 :: READ D(X),P1(X),
P2(X),P3(X):: NEXT X
180 DISPLAY AT(20,1):
190 FOR X=1 TO 88 :: CALL SOUND(D(X)*
600,P1(X),0,P2(X),8,P3(X),8):: NEXT X
200 FOR X=1 TO 800 :: NEXT X :: GOTO
190
210 DATA 4,31609,31609,31609,1,195,31
609,31609,1,195,31609,31609,1,232,390
,155
220 DATA 1,232,310,155,1,195,310,390,
1,195,232,390,1,195,232,232
230 DATA 1,195,465,232,1,232,390,155,
1,232,310,155,1,31609,310,390
240 DATA 1,31609,232,390,1,195,232,23
2,1,232,390,232,1,310,465,155
250 DATA 1,310,790,155,1,293,790,465,
1,293,790,465,1,293,790,232
260 DATA 1,261,632,232,1,261,632,155,
1,261,596,155,1,232,596,347
270 DATA 1,232,416,347,1,174,416,232,
1,195,465,232,1,207,465,155
280 DATA 1,207,416,155,1,174,416,347,
1,174,465,347,1,174,465,232
290 DATA 1,195,527,232,1,207,527,155,
1,207,416,155,1,31609,416,347
300 DATA 1,31609,465,347,1,174,465,23
2,1,207,527,232,1,293,527,155
310 DATA 1,261,465,155,1,232,465,465,
1,232,465,465,1,293,465,232
320 DATA 1,293,854,232,1,310,854,155,
1,310,790,155,1,31609,790,465
330 DATA 1,31609,790,465,1,155,790,23
2,1,155,31609,232,1,310,632,155
340 DATA 1,310,527,155,2,310,632,416,
1,261,632,232,1,207,1090,232
350 DATA 1,232,790,155,1,232,632,155,
2,232,958,390,1,195,958,232
360 DATA 1,155,790,232,1,207,702,155,
1,207,596,155,1,232,702,347

```

```

370 DATA 1,232,465,347,1,261,702,232,
1,261,465,232,2,232,790,155
380 DATA 2,232,790,390,1,155,31609,23
2,1,155,31609,232,1,310,632,155
390 DATA 1,310,527,155,2,310,632,416,
1,261,632,207,1,207,1090,207
400 DATA 1,232,790,155,1,232,632,155,
2,232,958,390,1,195,958,232
410 DATA 1,155,790,232,1,207,702,155,
1,207,958,155,1,195,632,465
420 DATA 1,195,1090,465,1,175,854,155
,1,175,596,155,4,155,632,390

```

\*\*\*\*\*

THROPE'S FIRST AXIOM

~~~~~  
When you input GARBAGE, you output GARBAGE. However, that garbage having passed through an expensive piece of electronic equipment somehow becomes enabled, and none may question it!

THROPE'S SECOND AXIOM

~~~~~  
The quality of skilled input is directly proportional to the volume of mistakes made in the pursuit of excellence.

TROUTMAN'S LAWS

~~~~~  
If a test program functions perfectly, all subsequent versions will malfunction. And, if the input system has been written to reject all bad input, some ingenious idiot will discover a method to get bad data past it.

\*\*\*\*\*

This is the second in a series of crossword puzzles I am including in this column. This month's puzzle has a school theme and comes from the pages of "Family Computing" magazine for the month of September 1987. In order to solve or print out the puzzle, you must have the master puzzle program which was published in two instalments in the January 1988 and February 1988 issues of K.C. 99'er Connection. Copies of that program are available on disk for \$5.00 by writing to me at the address above. Be sure to include your name, address, and payment by cash, check, or money order.

Disk Fix  
(continued)

Now you need a fresh initialized blank disk along with the disk to be repaired. Place your blank disk in drive one, then go to Sector Edit Mode of your program. Load in sector 0 (zero). Remove the blank disk and place in your bad one. Copy this sector to that disk using CTRL W. Next place blank disk back in and go to sector 1 (one) Do the same procedure as before.

Okay go to Recover File (you may need to load DM1000 if not using DU4.0). Use this to rebuild your files, that is, if you know the names of the files. If not go back to Sector Edit and look at sectors 2-25 or so. Write down the filenames then go back to Recover File and try again. If done right you should have a good working disk of your once lost files.

I myself wish I had come across this technique earlier to save me from retyping a lot of files. So I share this hoping that those of you who have encountered this type of trouble can now get your Disk Fixed.

\*\*\*\*\*

THINGS YOU MAY OF FOUND  
AT SWAP-N-SHOP

CORCOMP MEMORY CARD  
DISK CONTROLLER CARD  
DISK DRIVE  
DOT MATRIX PRINTER  
GENEVE  
JOYSTICK  
PEBOX  
RAVE KEYBOARD  
RS TWO THIRTY TWO CARD  
SMART MODEM  
SPEECH SYNTHESIZER

ARTSWIOBNEWTSCVOLDTPA  
TELKJDRAOBYEKEVARQWYL  
FZYJJIQVOPLKHPLAIKMNO  
DILPESWRVCVBKLCWECVBE  
RSMISKFOILHGJOYSTICKV  
AEIWUDHCXRGVWIOPUJHGO  
CHLWSROLMNBTASCVBVBYTRL  
YTMNLILAXZYIOPUWDGHS  
RNXDVLWCTMNBVCXSHJUI  
OYUIVEMAREUFVJIOPDMD  
MSJKEP I IAXVRTYHJBMWOO  
EHIDSUHWEVUOPRFNJC FEG  
MCLAYTUREWEVENEGMAEDF  
FEBDOTMATRIXPRINTERAX  
MEEWUEIOJNBSBTHBDWPIM  
OPTIUTVFRQVFOJLMP SRNO  
CSMNJUWDCFYHXOBEPASJI  
RAIOPSMARTMODEMIOPERS  
OIDRACRELLORTNOCKSIDD  
CEHG IOTCVWFIQNTWEIWS

```

IS A A LINE WITH LINE NUMBER 1 --
REMOVE IT! " :: STOP ELSE GOTO 700
690 LINPUT #1:X$ :: LINE$=SEG$(X$,1
,2):: IF X$=EOF$ THEN PRINT #2:X$ :
: GOTO 940700 PRINT ASC(SEG$(X$,2,1
))+256*ASC(X$)
710 IF REPLACE=YES THEN USE$=USE$&L
INE$ :: REPLACE=NO
720 Z$=SEG$(X$,3,1):: IF Z$=R1$ OR
Z$=R2$ THEN GONE$=GONE$&LINE$ :: RE
PLACE=YES :: GOTO 690
730 P=POS(X$,R1$,3):: IF P>0 THEN X
$=SEG$(X$,1,P-1)&CHR$(0)
740 Y$=SEG$(X$,1,2):: I=3 :: LL=LEN
(X$)
750 T$=SEG$(X$,1,1):: C=ASC(T$)
760 IF I=LL THEN PRINT #2:Y$&T$ ::
GOTO 690
770 IF C=201 THEN Y$=Y$&SEG$(X$,I,3
):: I=I+3 :: GOTO 750
780 IF C=199 OR C=200 THEN J=ASC(SE
G$(X$,I+1,1)):: Y$=Y$&SEG$(X$,I,J+2
):: I=I+J+2 :: GOTO 750
790 IF C>128 THEN Y$=Y$&T$ :: I=I+1
:: GOTO 750
800 FOR J=I+1 TO LL :: C=ASC(SEG$(X
$,J,1))
810 IF C<32 OR C>128 THEN 830
820 NEXT J
830 N$=SEG$(X$,I,J-1)
840 IF SEG$(X$,J-1,1)="$" THEN STRI
NG=YES ELSE STRING=NO
850 IF STRING=YES THEN 890
860 FOR K=1 TO NUMNONSTRING :: IF N
$=NA$(K) THEN 880
870 NEXT K :: NA$(K)=N$ :: NUMNONST
RING=NUMNONSTRING+1
880 N$=A$(K):: GOTO 920
890 FOR K=1 TO NUMSTRING :: IF N$=N
B$(K) THEN 910
900 NEXT K :: NB$(K)=N$ :: NUMSTRIN
G=NUMSTRING+1
910 N$=B$(K)
920 I=J :: Y$=Y$&N$
930 GOTO 750
940 CLOSE #1 :: CLOSE #2
950 OPEN #1:"DSK1.TEMP",INPUT ,DISP
LAY ,VARIABLE 163
960 OPEN #2:"DSK1."&NAME$,OUTPUT,DI
SPLAY ,VARIABLE 163
970 PRINT #2:CHR$(0)&CHR$(1)&CHR$(6
4)&CHR$(190)&CHR$(200)&CHR$(1)&CHR$
(49)&CHR$(0)
980 ONE$=CHR$(200)&CHR$(1)&CHR$(49)
990 LINPUT #1:X$ :: IF X$=EOF$ THEN
PRINT #2:X$ :: CLOSE #1 :: CLOSE #
2 :: STOP
1000 P=POS(X$,ONE$,3):: IF P<>0 THE
N X$=SEG$(X$,1,P-1)&"@"&SEG$(X$,P+3
,255):: GOTO 1000

```

```

1010 P=2 :: L=LEN(X$)
1020 IF P>=LEN(X$) THEN 1090
1030 P=POS(X$,CHR$(201),P+1)
1040 IF P=0 THEN 1090
1050 Y$=SEG$(X$,P+1,2):: Q=0
1060 Q=POS(GONE$,Y$,Q+1):: IF Q=0 T
HEN X$=SEG$(X$,1,P)&Y$&SEG$(X$,P+3,
255):: GOTO 1020
1070 IF Q=2*INT(Q/2) THEN 1060
1080 Y$=SEG$(USE$,Q,2):: GOTO 1060
1090 PRINT #2:X$
1100 GOTO 990

```

.....

Here is a simple One-Liner  
It will catalog your disk and  
print it to your screen. Using a  
-1 for protected and 0 for un-  
protected files.

```

1 IF F THEN INPUT #1:A$,A,J,K :: IF
J THEN PRINT A$;TAB(12);J;TAB(18);
SEG$(B$,ABS(A*2)+1,2);K;TAB(27);A<0
:: GOTO 1 ELSE RUN ELSE B$="AVDFDV
IFIVFG" :: INPUT "DSK":F :: OPEN #1
:"DSK"&STR$(F)&".",INTERNAL,RELATIV
E,INPUT :: GOTO 1 !BY JOHN M

```

This comes from the Lehigh 99'er  
Computer Group in Allentown Penn.  
Written by John Martin

~~~~~

**BLOWN DISK FIX**  
by Steven DeGeare

I have come across the trouble  
of having my disk crashing on my  
second drive. When this happens it  
totally wipes out all files on the  
directory. Which is really frus-  
trating when they are DV80 files  
for the newsletter.

This has happened to me at least  
3 times. So I checked into what  
could be done about it. The source  
of information about this technique  
I do not remember where it came  
from. Here is the procedure to fix  
a disk :

Load up your Sector Editor program  
like Disk Repair or GBS. I used  
Disk Utilities 4.0 myself for the  
testrun to make sure it did work.

(continued on next page)

```

100 ! *****
120 !     SHRINK
140 ! BY MELVIN ROSENFELD
150 !
160 ! 401 YANKEE FARM RD
170 ! SANTA BARBARA, CALIF
180 !           93109
190 ! PHONE 805-687-9720
200 !
210 ! *****
220 !
230 ! THIS PROGRAM CONDENSES
240 ! A PROGRAM BY:
250 !
260 ! 1 REMOVING ALL REMARKS
270 !
280 ! 2 SHORTENING VARIABLE
   NAMES -- FOR EXAMPLE      REPL
   ACING          "LASTENTRY" BY
   "B"
290 !
300 ! 3 REPLACING THE NUMBER
   "1" BY THE SYMBOL "@"
310 !
311 ! *****
319 ! THE SAVINGS ARE:      --
-----
320 !                               N+
3 BYTES FOR EACH LINE THAT IS A
REMARK N BYTES LONG.
329 !
330 ! 2 BYTES FOR EVERY      0
OCCURRENCE OF "1"
340 !
350 ! J-1 OR J-2 BYTES FOR      EV
ERY OCCURRENCE OF A VARIABLE
NAME.
360 !
370 ! *****
380 !
390 ! HOW TO USE PROGRAM:
395 ! -----
400 !
410 !
420 ! SAVE THE PROGRAM TO BE      CON
DENSED ON A DISK WITH THE MERGE
FEATURE.
430 !
440 ! RUN THE PROGRAM CALLED      SHR
INK. WHEN THE PROGRAM ASKS, GIVE
THE NAME OF THE PROGRAM YOU AR
E CONDENSING.
450 !
452 ! IT IS ASSUMED THAT THE      PR
OGRAM TO BE CONDENSED IS STORED
IN MERGE FORM ON DISK 1
453 !
460 ! WHEN THE CONDENSING IS      COM

```

```

PLETED, THE CONDENSED VERSION WI
LL BE SAVED ON THE DISK. IT'S NA
ME WILL BE: "#AA" WHERE "AA"
470 ! STANDS FOR THE FIRST 9 CHA
RACTERS OF THE NAME OF THE PRO
GRAM THAT IS BEING ALTERED.
480 !
490 ! THE PROGRAM THAT IS BE
ING ALTERED REMAINS INTACT. (
REALLY ONLY A COPY IS BEING AL
TERED.)
500 !
501 ! THE ALTERED VERSION CAN
BE USED BY FIRST COMMANDING
"NEW" AND THEN "MERGING" TH
E ALTERED VERSION. SAVE
502 ! THE ALTERED VERSION IN
THE USUAL FASHION.
.
510 ! *****
520 !
522 ! LIMITATIONS: MAX      NU
MBER OF VARIABLES IS 130 STRIN
G VARS & 130 NUMERICAL VARS.
MAX NUMBER OF LINES THAT
525 ! CAN BE DELETED FOR BE
ING REMARKS IS 125
.
526 !
527 ! *****
528 ! * IF YOU HAVE THE *
MEMORY EXPANSION THEN * REMOVE
THE "!" FROM * LINE 530
529 ! *****
.
530 ! CALL INIT :: CALL LOAD(-31878
,0)
540 U$=CHR$(0)&CHR$(1)
550 EOF$=CHR$(255)&CHR$(255)
560 YES=1 :: NO=0
570 GONE$,USE$="" :: REPLACE=NO
580 INPUT "NAME OF PROGRAM? ":X$
590 OPEN #1:"DSK1."&X$,INPUT,DISPL
AY,VARIABLE 163
600 OPEN #2:"DSK1.TEMP",OUTPUT,DISP
LAY,VARIABLE 163
610 NAME$="#"&SEG$(X$,1,9)
620 DIM A$(130),B$(130),NA$(130),NB
$(130)
630 FOR K=1 TO 26 :: A$(K)=CHR$(64+
K):: B$(K)=A$(K)&"$" :: NEXT K
640 FOR J=1 TO 4 :: FOR K=1 TO 26 :
: T=J*26+K
650 A$(T)=CHR$(64+J)&CHR$(64+K):: B
$(T)=A$(T)&"$"
660 NEXT K :: NEXT J
670 R1$=CHR$(131):: R2$=CHR$(154)::
EOF$=CHR$(255)&CHR$(255)
680 LINPUT #1:X$ :: LINE$=SEG$(X$,1
,2):: IF LINE$=U$ THEN PRINT "THERE

```



"A NEW TI PRODUCT"

FROM: BARB WIEDERHOLD  
QUEEN ANNE COMPUTER SHOPPE  
6102 ROOSEVELT WAY N.E.  
SEATTLE, WASHINGTON 98115

Feb 15 1988

-----  
NEW \*\*\*\* PERIPHERAL EXPANSION BOX...\$329.95 DEALERS WELCOME TO INQUIRE...  
PRODUCED RIGHT HERE IN SEATTLE, WASHINGTON..BY MILLER COMMUNICATIONS.AND SOLD  
BY: QUEEN ANNE COMPUTER SHOPPE CALL: (206)622-9400 MSG.ONLY!! FOR MORE INFO..  
OR (206)522-6558. DURING WORKING HRS...11 TO 5p.m. MONDAY THRU SATURDAY...OR  
WRITE TO: QUEEN ANNE COMPUTER SHOPPE: 6102 ROOSEVELT WAY N.E. SEATTLE,  
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KC 99'er

# CONNECTION

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## SWAP -N- SHOP A report from the editor

Our User Group held it's fourth annual Swap-N-Shop and in the opinion of this writer it was deemed a success. There were the familiar faces of Swaps in the past along with some new faces also. It looked as if there was something for everyone ranging from cartridge software to John Dilly and Frank Hyatt preparing copy diskettes of programs like Telco 1.3 or whatever it was you wanted a copy of.

The flow of people seemed to be continuous, which to the seller is a good sign of at least coming out even over the cost of admission. Gary Burns even sold a couple of his systems. Nice going Gary!

In attendance at this Swap-N-Shop. There were 66 registered persons. Out of those 66, we had 30 who were new to the Swap or had not been to one in the last two years. We had a couple of families that came from St. Joseph, Missouri bringing with them about 4 children. We also had all the way from St. Louis, Missouri. Members of the TI Users Group that is based there. They were showing demos of programs written by one of their members, Steve Karasek, author of SUPERBASIC and MONOPLY. And on that day we recieved three new members to our User Group. Hopefully there will be further turnout at our next meeting.

What was a neat time for me was that out of the two that had come from St. Louis, the editor of 'THE COMPUTER BRIDGE' was also there. My, isn't it strange how we editors seem to have the same troubles (but that is another article).

Well another Swap-N-Shop has come and gone. If you know someone who owns a TI99/4A and doesn't know about us - GET OUT AND SPREAD THE WORD THAT: 'TI IS ALIVE'

the editor  
Steven DeGeare