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********************************************************
*                                                      *
* UPCOMING MEETING:  THURSDAY, MAY 10, 1990 7:30pm      *
*                    TRINITY LUTHERAN CHURCH            *
*                    1415 S Holland                     *
*                    Springfield, MO                    *
*                                                      *
* MAY PROGRAM:  CRYPTOGRAPHER'S AIDE, one of the        *
*               disks Charles brought back from         *
*               Fest West and reviewed last month       *
*               will be demoed by MARK McCARTY.         *
*               The DOM will be demoed by DAVID         *
*               BRINLEY.                                *
*                                                      *
* MEMBERSHIP DUES:   $15 per year gets you use of       *
*                    library, DOM's, newsletter,        *
*                    friends, instruction, help or      *
*                    sympathy, and this newsletter.     *
*                    Bring your friends and share       *
*                    with them our enthusiasm.          *
*                                                      *
* HUGS AND ROSES TO: MARK McCARTY, C.R. RINEHART,       *
*                    CURT FINNEY, and TOM BINGAMAN      *
*                    for writing this month; and        *
*                    to JOHN GEISINGER, Lehigh          *
*                    99'er for sending me his NL        *
*                    article.                           *
*                                                      *
* WELCOME BACK TO OUR ARKANSAS MEMBERS:                 *
*                                                      *
*                    DAVID BOLLINGER and DONALD         *
*                    BROWN, and to CHARLES HAGEN        *
*                    of Springfield.                    *
*                                                      *
* CURTIS,                                               *
*      IMPACTED TOOTH OR NO, THEY'RE NOT GONNA'         *
* PUT UP WITH MY COFFEE AGAIN, SO BE THERE!!!!          *
* PLEASE.    MARY P.                                    *
*                                                      *
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*         OZARK 99er USER GROUP MINUTES                 *
*         April 19, 1990 Regular Meeting               *
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The regular April meeting was called to order at 7:40 PM by V. P. Charles Roberts. 16 members and 1 guest present. Guest, Howard Irvine, a former member was introduced and invited to renew his association. Roberts explained that Curtis was suffering from an impacted tooth.

SECRETARY : March minutes approved as printed, voice vote. Passed out copies of March regular and Board minutes.

TREASURER : Balance 3/8/90: $447.72; Income $197.80; Expense $37.38; 4/19/90 operating balance $608.14.

Accepted by voice vote.

LIBRARY : MicroPendium, DOM available $2.00 per copy. Finney Sr. & Barker m/s $40.00 annual subscription to MicroPendium program disk be continued. Treasurer issued check; Secretary transmitted same.

NEWSLETTER: Club NX 1000 printer inoperative. Finney Sr. to inspect, repair if possible or return to factory for service.

PROGRAM : To be announced. Brinley suggested revision of the popular TI Flip Strip booklet and subsequent re-issue and sale, or, production of a disk with all possible revisions for "print your own" use. Action at a future Board meeting.

OLD BUS : Roger Fortner returned FestWest disk to library. Will write a review and demo on future program. All others who took disks should accomplish the same agenda and schedule future sharing with the Program Chairman.

NEW BUS : Finney Sr. commented on a rash of RS-232 interface problems with no apparent explanation. He will keep us informed as he learns more.

Roberts brought comments about our upcoming "Fest/Swap /Show" meet. Pres. suggests that it be held on a week-end following a regular meeting in August to facilitate meeting demo's by national suppliers who would then attend the week end event. Members suggested that ALL Springfield and many selected out-state UG's be invited. Max Porter was appointed as Chairman of the Site Committee with instructions to seek at least 40' x 80' facilities, as many 3rd party suppliers will be invited along with other UG's.

Adjourn : Program at 8:30 PM. Brinley demo "SNAP-CALC UTILITIES"
Respectfully; C.R. Rinehart, Secretary

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********************************************************
*                                                      *
*                 TABLE OF CONTENTS                     *
*                                                      *
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*                                                      *
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;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
;; FROM THE EDITOR'S CONSOLE ;;
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
```

The countdown is proceeding, only 21 or so more days of
school left. I'm looking forward to being able to spend
more time with my TI and also a trip to NY to see my big
girl, Susan, and attend the Global Village conference
she's been coordinating at Stony Point International
Presbyterian Conference Center. Hurrah for summer!!!!!!

Info from some of the exchange NLs: Computer Buyers
Guide has now added a column on the TI99/4A and Geneve.

Bill Gaskill's Four-A/Talk column contains these items
among others:

SmallTalk BBS program is a 100% assembly language pro-
gram written by Canadian progammer LLoyd Galenzoski that
consumes less than 50 sectors on disk. Bill says he's
used it and it is the most friendly to be found. Sup-
ports about 100 users, XMODEM file transfers, complete
message base facility and lets the sysop view everything
the caller is doing, but doesn't let him break in to
talk. Supports 300, 1200, and 2400 baude, public domain
on GEnie. (Editor's note: Let Bob Osterloh know if you
want him to get it for you on his next tour.)

Brad Snyder, 148 Ave. A, Palmerton PA 18071 has out an
easy-to-use 40-Col. Utilities package Bill really likes.

```
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
;; TI BBS in Springfield ;;
;;      By Tom Bingaman      ;;
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
```

It's spring and the files have dropped off to nothing as
usual this time of the year. The messages on the depot
are still good for this season but down some from the
winter. Genie BBS has be very slow for TI programs and
so not too much new stuff from the TI-PC Connection I
may be able to attend some more meet- ings as my hours
have been changed to 12 AM to 8 AM, starting Monday May
seven.

The 9T9UG is putting it's newsletter on Genie so if any
one would like to D/L, it can be found on the TI-PC
Connection. Here is a list of file on it. (3863)

```
9T9UG        16  Dis/Var    80
ASSEMTUT    101  Dis/Var    80
MAZEGAME     26  Dis/Var    80
MULTIXB      40  Dis/Var    80
FFNEWS       25  Dis/Var    80
TIDBITS38    20  Dis/Var    80
VEPTUT       38  Dis/Var    80
 Total Files:   7   Total Size: 266
```

Karl Romstedt has placed some of his pro grams in Public
Domain and can be D/L D/L from both boards. (3847-3848)
Until next month, keep them boys happy by call ing their
boards...Tom

```
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
;; BILLY BALL  review by Charlie Rinehart ;;
;;      Ozark 99er UG, Springfield MO      ;;
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
```

Runs in XB, keyboard or joystick, nice menu. The Best
of the U.K., #1. Fairware by Roland Trueman, Stock-
port, Cheshire, England. Send payment to address given.

#1 B.B. PLAYS CATCH--Pretty. Push fire button to
start. Object is to catch slowly falling object. Push
fire button to punch the loonies. You move up to higher
levels. Like I said before, pretty, but what's up, Doc?

#2 B.B. AT THE HATCHERY. This is good. There is an
intriging maze you must take your man thru to the par-

---

ticular cage the baddie is in. Tnre are many cages in
each level. The baddie mooves from one to another as
you destroy its cage. If you move too far, you fall and
are destroyed. The games have two hammers, and when you
go to them, they shake the tree and the baddie in its
cage falls. You continue shaking each cage until it
falls, until there are no more cages. Then you try for
a bonus by capturin snowflakes. Then you go on to the
next level. By the way, you have a time limit to shake
the baddies' cage. So---don't make a wrong move in the
maze, you might not have time. I did not complete level
four.

#3 B.B. TO THE RESCUE. No information, poor colors,
couldn't use keyboard.

#4 FLOORAWAY INSTRUCTIONS. Very poor color, could not
read instructions, but looks like it took a lot of time
to write. Might be worth reprograming.

#7 THE 2ND FLOOR, needs to be reprogramed to be usable.

#8 NOTEWORTHY. Not so bad, you must collect the music
notes in each level, watch out for the guard of that
level, go up thru an opening to the level above, while
you are trying to keep you man from being pulverized by
a plunger that comes down from above. Has scoring and
harder levels when you get thru the one you are in.

But----B.B. AT THE HATCHERY is different from anything
I've seen so far, and I did enjoy it. It's worth get-
ting the disk.

READ ME FILE FOR DOM/5/90

```
-------------------------
APPLE      XB A silly demo program
              making fun of the
              Apple computer.
ASSURANCE  XB Blessed Assurance
              tune with graphics.
BART_P        T.I. Artist picture
              of Bart Simpson.
BOWLING    XB Bowling game.
BROOKE_P      T.I. Artist picture
              of Brooke Shields.
COLONEL_P     T.I. Artist picture
              of Colonel Sanders.
CROSS      XB Old Rugged Cross
              tune with graphics.
DUCK       XB Another skill game.
KANGAROO   XB Arcade style game.
RATRACE    XB PLace your bets:
              "T H E Y'R E  O F F"
SCROLL2       File for RATRACE.
SPEECHDEMO XB A good speech and
              color demo for the
              TI994.
```

OZARK 99ER USERS GROUP 1990 OFFICERS:

```
Pres ... Curtis Finney .... 417-887-9471
VPres .. Charles Roberts... 417-831-7470
Sec'y .. C. R. Rinehart ... 417-276-4155
Treas... Don Barr ......... 417-334-3749
Prog ... David Brinley .... 417-463-2123
Libr ... Leland Piper ..... 417-732-7916
Equip .. Tom Beersman ..... 417-833-0583
NL Staff:
Editor.. Mary Phillips .... 417-883-0526
Copies.. Joe Miramti ...... 417-881-4889
Mailing. Von Barker ....... 417-865-0810
BBS:
TI DEPOT (24 hours)
         Curt Finney, Sysop 417-865-0810
TI AND IBM CONNECTION,
         Bob Osterloh, Sysop 417-886-5993
   (M-F 10:30 pm-5 pm, S-S 10:30 pm-8 am)
```

MEMBERSHIP ROSTER 1990
MAY 5, 1990

LAST NAME	FIRST NAME	ADDRESS	CITY	ST	ZIP	PHONE	MODEM
BARKER	VON	3233 WEST REPUBLIC ROAD	SPRINGFIELD	MO	65807	881-5263	Y
BARR	DON	BOX 26	POINT LOOKOUT	MO	65726	334-3749	Y
BARTON	JAMES	2116 N. DELAWARE	SPRINGFIELD	MO	65803	862-6104	
BEERSMAN	HENRY & TOM	RT 10, BOX 1087	SPRINGFIELD	MO	65803	833-0583	
BERENDTS	WM. H.	ROUTE #1, BOX 485	ROACH	MO	65787	346-7853	Y
BINGAMAN	TOM	RT 9 BOX 528	SPRINGFIELD	MO	65805	866-2652	Y
BOLLINGER	DAVID	904 S. KNOXVILLE	RUSSELLVILLE	AR	62801		
BRINLEY	DAVID	RT 2 BOX 263	MARIONVILLE	MO	65705	463-2123	
BROWN	DONALD	RT 2 BOX 107	RUSSELLVILLE	AR	72801		
COLLINS	AL	ROUTE 1	NIANGUA	MO	65713	473-6160	
DALTON	SHANNON						
ESTHER	MADELINE	5425 S FERGUSON	SPRINGFIELD	MO	65810	881-1911	
FINNEY	CURTIS	717 W KEARNEY	SPRINGFIELD	MO	65803	869-3802	
FINNEY	CLYDE	RT 2	ROGERSVILLE	MO	65742	883-1190	Y
FORTNER	ROGER	1400 S. 11TH STREET	OZARK	MO	65721	485-2637	
GABRIEL	ROBERT	200 WEST SYCAMORE STREET	MONETT	MO	65708	235-6025	
GREER	GLEN	RT 3 BOX 328	ROGERSVILLE	MO	65742	753-2875	Y
GRIMES	MIKE	1132 N 94th EAST	OWASSO	OK	94055		
HAGEN	CHARLES	1502 S. ORLAND, APT 2	SPRINGFIELD	MO	65804	862-5725	Y
HOYT	HOWARD & SAM	2456 N. EAST AVE.	SPRINGFIELD	MO	65803	864-7803	Y
LINDSTEDT	MARTIN	RT 2 BOX 2008	GRANBY	MO	64844		
MCCARTY	MARK & ANGIE	1705B E. CARAVAN	SPRINGFIELD	MO	65803	485-2637	
MILLS	MELVIN	P.O. BOX 13551	FORSYTH	MO	65653	546-2616	
MIRANTI	JOE	5853 GERONIMO DRIVE	SPRINGFIELD	MO	65807	881-4889	
MURPHY	JOHN	1824 NORTH BURTON	SPRINGFIELD	MO	65803	831-6833	Y
N.W. FLORIDA UG	C/O LaPointe-	4530 TREELINE DR	PENSACOLA	FL	32504		
OSTERLOH	BOB	1304 S. PLAZA	SPRINGFIELD	MO	65804	881-5993	
PHILLIPS	MARY	1342 EAST STANFORD	SPRINGFIELD	MO	65804	883-0526	Y
PIPER	LELAND,	ROUTE 2 BOX 256	BILLINGS	MO	65610	732-7916	Y
PORTER	MAX	2322 SOUTH CLAY	SPRINGFIELD	MO	65807	881-3411	
RINEHART	CHARLES	RT 1 BOX 4	STOCKTON	MO	65785	276-4155	Y
ROBERTS	CHARLES	P.O. BOX 147	SPRINGFIELD	MO	65801	831-7470	Y
SLENKER	CHRIS						
TAYLOR	SR. PAT	1050 CARMEL DRIVE #456	DUBUQUE	IA	52001		

ANCESTOR CHART-FGS# 31

	A	N	C	E	S	T	O	R + S	P	O U S E
FGS#	A/FIRST	A/I	A/LAST	A/PNT	S/FIRST	S/I	S/LAST	S/PNT	GEN	MISC
31	SHARON	A	GEISINGER	29	FREDERICK		ROGERS		8	19550119
29	JOHN	M	GEISINGER	13	GERALDINE	G	KOCH		7	19260601
13	FRANCIS	S	GEISINGER	11	JOANNA	B	LITTLE		6	18910319
11	MENNO		GEISSINGER	4	EMMA (1)		SIESHOLTZ		5	18520420
4	ABRAHAM		GEISSINGER	3	ANNA		BECHTEL(1)		4	18070116
3	PHILIP		GEISSINGER	2	VERONICA		HIESTAND		3	17740514
2	ABRAHAM		GEISSINGER	1	BARBARA				2	17429999
1	PHILIP SR		GEISSINGER	0	ANNA	M			1	1701IMIG

Here is the mazegame from the 9T9 User Group

Toronto Ont. Newsletter

```
1 REM DAVID WEAVER LOS ANGLE
SES CA 90066
100 CALL CLEAR
110 PRINT "        MAZE":
: : : : : : : :
120 INPUT "DO YOU WANT INSTR
UCTIONS? ":A$
130 PRINT : :
140 IF A$="YES" THEN 2660
150 IF A$="Y" THEN 2660
160 IF A$="NO" THEN 200
170 IF A$="N" THEN 200
180 PRINT "PLEASE ENTER YES
OR NO"
190 GOTO 120
200 OPEN #1:"PIO"
210 DIM W(20,20)
220 DIM L(20,20)
230 REM      FOR SCREEN,SIZE
        SHOULD BE LESS THAN 9X9
240 CALL CLEAR
250 RANDOMIZE
260 INPUT "HORIZONAL SIZE"
            ENTER 0 TO END P
ROGRAM. ":H
270 PRINT
280 IF H=0 THEN 2780
290 IF H<4 THEN 310 ELSE 300
300 IF H>20 THEN 330 ELSE 36
0
310 PRINT "HORIZONAL SIZE MU
ST BE ":"GREATER THAN 3.": :
320 GOTO 260
330 PRINT "HORIZONAL SIZE MU
ST BE":"SMALLER THAN 21.": :
340 GOTO 260
350 PRINT
360 INPUT "VERTICAL SIZE? ":
V
370 PRINT
380 IF V>20 THEN 420 ELSE 39
0
390 IF V<4 THEN 400 ELSE 440
400 PRINT "VERTICAL SIZE MUS
T BE":"LARGER THAN 3.": :
410 GOTO 360
420 PRINT "VERTICAL SIZE MUS
T BE":"SMALLER THAN 21.": :
430 GOTO 360
440 H=INT(H)
450 V=INT(V)
460 FOR HH=1 TO H
470 FOR VV=1 TO V
480 W(HH,VV)=0
490 L(HH,VV)=0
500 NEXT VV
510 NEXT HH
520 Q=0
530 Z=0
540 X=INT((RND*H)+1)
550 FOR I=1 TO H
560 IF I=X THEN 610
570 IF H>9 THEN 590
580 PRINT ":--";
590 PRINT #1:":--";
600 GOTO 640
610 IF H>9 THEN 630
620 PRINT ": ";
630 PRINT #1:": ";
640 NEXT I
650 IF H>9 THEN 670
660 PRINT ":"
670 PRINT #1:":"
680 C=1
690 W(X,1)=C
700 C=C+1
710 S=1
720 R=X
730 IF R<>H THEN 810
740 IF S<>V THEN 780
750 R=1
760 S=1
770 GOTO 820
780 R=1
790 S=S+1
800 GOTO 820
810 R=R+1
820 IF W(R,S)=0 THEN 730
830 IF R=1 THEN 1190
840 IF W(R-1,S)>0 THEN 1190
850 IF S=1 THEN 1000
860 IF W(R,S-1)<>0 THEN 1000
870 IF R=H THEN 910
880 IF W(R+1,S)>0 THEN 910
890 X=INT((RND*3)+1)
900 ON X GOTO 1560,1630,1700
910 IF S<>V THEN 950
920 IF Z=1 THEN 980
930 Q=1
940 GOTO 960
950 IF W(R,S+1)>0 THEN 980
960 X=INT((RND*3)+1)
970 ON X GOTO 1560,1630,1800
980 X=INT((RND*2)+1)
990 ON X GOTO 1560,1630
1000 IF R=H THEN 1110
1010 IF W(R+1,S)>0 THEN 1110
1020 IF S<>V THEN 1060
1030 IF Z=1 THEN 1090
1040 Q=1
1050 GOTO 1070
1060 IF W(R,S+1)>0 THEN 1090
1070 X=INT((RND*3)+1)
1080 ON X GOTO 1560,1700,1800
0
1090 X=INT((RND*2)+1)
1100 ON X GOTO 1560,1700
1110 IF S<>V THEN 1150
1120 IF Z=1 THEN 1180
1130 Q=1
1140 GOTO 1160
1150 IF W(R,S+1)>0 THEN 1180
1160 X=INT((RND*2)+1)
1170 ON X GOTO 1560,1800
1180 GOTO 1560
1190 IF S=1 THEN 1400
1200 IF W(R,S-1)>0 THEN 1400
1210 IF R=H THEN 1320
1220 IF W(R+1,S)>0 THEN 1320
1230 IF S<>V THEN 1270
1240 IF Z=1 THEN 1300
1250 Q=1
1260 GOTO 1280
1270 IF W(R,S+1)>0 THEN 1300
1280 X=INT((RND*3)+1)
1290 ON X GOTO 1630,1700,180
0
1300 X=INT((RND*2)+1)
1310 ON X GOTO 1630,1700
1320 IF S<>V THEN 1360
1330 IF Z=1 THEN 1390
1340 Q=1
1350 GOTO 1370
1360 IF W(R,S+1)>0 THEN 1390
1370 X=INT((RND*2)+1)
1380 ON X GOTO 1630,1800
1390 GOTO 1630
1400 IF R=H THEN 1500
1410 IF W(R+1,S)>0 THEN 1500
1420 IF S<>V THEN 1460
1430 IF Z=1 THEN 1490
1440 Q=1
```

```
1450 GOTO 1470
1460 IF W(R,S+1)>0 THEN 1490
1470 X=INT((RND*2)+1)
1480 ON X GOTO 1700,1800
1490 GOTO 1700
1500 IF S<>V THEN 1540
1510 IF Z=1 THEN 730
1520 Q=1
1530 GOTO 1550
1540 IF W(R,S+1)>0 THEN 730
1550 GOTO 1800
1560 W(R-1,S)=C
1570 C=C+1
1580 L(R-1,S)=2
1590 R=R-1
1600 IF C=H*V+1 THEN 2000
1610 Q=0
1620 GOTO 830
1630 W(R,S-1)=C
1640 C=C+1
1650 L(R,S-1)=1
1660 S=S-1
1670 IF C=H*V+1 THEN 2000
1680 Q=0
1690 GOTO 830
1700 W(R+1,S)=C
1710 C=C+1
1720 IF L(R,S)=0 THEN 1750
1730 L(R,S)=3
1740 GOTO 1760
1750 L(R,S)=2
1760 R=R+1
1770 IF C=H*V+1 THEN 2000
1780 Q=0
1790 GOTO 1190
1800 IF Q=1 THEN 1900
1810 W(R,S+1)=C
1820 C=C+1

1830 IF L(R,S)=0 THEN 1860
1840 L(R,S)=3
1850 GOTO 1870
1860 L(R,S)=1
1870 S=S+1
1880 IF C=H*V+1 THEN 2000
1890 GOTO 830
1900 Z=1
1910 IF L(R,S)=0 THEN 1950
1920 L(R,S)=3
1930 Q=0
1940 GOTO 730
1950 L(R,S)=1
1960 Q=0
1970 R=1
1980 S=1
1990 GOTO 820
2000 IF Z=1 THEN 2040
2010 R=INT((RND*H)+1)
2020 S=V
2030 L(R,S)=L(R,S)+1
2040 FOR J=1 TO V
2050 IF H>9 THEN 2070
2060 PRINT "I";
2070 PRINT #1:"I";
2080 FOR I=1 TO H
2090 IF L(I,J)>3 THEN 2100 ELSE 2120
2100 Z=L(I,J)-4
2110 GOTO 2130
2120 Z=L(I,J)
2130 IF Z<2 THEN 2250
2140 IF Z<>L(I,J)THEN 2150 ELSE 2180
2150 IF L(I+1,J)>3 THEN 2160 ELSE 2180
2160 PRINT "***";
2170 GOTO 2310
2180 IF Z<>L(I,J)THEN 2190 ELSE 2210

2190 PRINT "** ";
2200 GOTO 2310
2210 IF H>9 THEN 2230
2220 PRINT "   ";
2230 PRINT #1:"   ";
2240 GOTO 2310
2250 IF Z<>L(I,J)THEN 2260 ELSE 2280
2260 PRINT "**I";
2270 GOTO 2310
2280 IF H>9 THEN 2300
2290 PRINT "  I";
2300 PRINT #1:"  I";
2310 NEXT I
2320 IF H>9 THEN 2340
2330 PRINT
2340 PRINT #1:
2350 FOR I=1 TO H
2360 IF L(I,J)>3 THEN 2370 ELSE 2390
2370 Z=L(I,J)-4
2380 GOTO 2400
2390 Z=L(I,J)
2400 IF Z=0 THEN 2550
2410 IF Z=2 THEN 2550
2420 IF Z<>L(I,J)THEN 2430 ELSE 2460
2430 IF J=V THEN 2440 ELSE 2460
2440 PRINT ":**";
2450 GOTO 2580
2460 IF J=V THEN 2520
2470 IF Z<>L(I,J)THEN 2480 ELSE 2510
2480 IF L(I,J+1)>3 THEN 2490 ELSE 2510
2490 PRINT ":**";
2500 GOTO 2580
2510 IF H>9 THEN 2530
2520 PRINT ":  ";

2530 PRINT #1:":  ";
2540 GOTO 2580
2550 IF H>9 THEN 2570
2560 PRINT ":--";
2570 PRINT #1:":--";
2580 NEXT I
2590 IF H>9 THEN 2610
2600 PRINT ":"
2610 PRINT #1:":"
2620 NEXT J
2630 PRINT : :
2640 PRINT #1: : : :
2650 GOTO 250
2660 REM INSTRUCTIONS
2670 CALL CLEAR
2680 PRINT "  THIS PROGRAM W
ILL DRAW A":"MAZE.THE SIZE C
AN BE UP TO":"20X20 IF T HE
HORIZONAL SIZE"
2690 PRINT "IS CVER 9 THE MA
ZE WILL NOT":"PRINT ON THE S
CREEN,BUT WILL":"STILL P RIN
T ON THE PRINTER.": :
2700 PRINT "TO END THE PROGR
AM ENTER 0":"TO THE HORIZONA
L SIZE.": :
2710 PRINT "FOR A 20X20 MAZE
 IT WILL":"PRINT THE FIRST L
INE IN":"ABOUT 11 SECOND S I
T WILL"
2720 PRINT "START PRINTING T
HE REST IN":"ABOUT 3.5 MINUT
ES.": :
2730 PRINT "PRESS ENTER TO C
ONTINUE."
2740 CALL KEY(2,KEY,STATUS)
2750 IF STATUS=0 THEN 2740
2760 IF KEY=13 THEN 200 ELSE
2740
2770 REM END OF PROGRAM
2780 CALL CLEAR
2790 PRINT "HOPE YOU FIND YO
UR WAY OUT":"OF THE MAZE": :
: : : : : :
2800 CLOSE #1
2810 STOP
```

```
*************************************
**   MY GENEALOGY ON MY TI-99/4A   **
**     by John M. Geisinger, CDP   **
** Lehigh 99'er Computer Group, PA **
*************************************
```

Our newsletter editor has been encouraging me to write an article on my genealogy efforts but I always say "I'll do it when I'm done." At the rate I'm going I'll never be done, so this is just a progress report.

My purpose in writing this is to stimulate your interest in genealogy and to use your TI for your records. As the proverbial pastor says "Do as I say, not as I do", don't necessarily do as I do, you may find a better way.

I have had an interest in genealogy for many years and have so many records I don't know what I have. I wanted to use my TI to help me know what records I have and where they are. Rather than having a well defined system and goal, my system has just "evolved" and I expect it will change as my knowledge of TI, files, data bases, equipment configuration and goals change.

There are two basic forms for collecting genealogical data. First is the "Pedigree Chart" which starts with one person, 2 parents, 4 grandparents etc. Once filled in I seldom refer to it. The second is the "Family Group Sheet". This contains data for each family unit or marriage. A second marriage requires a second FGS.

I have so many (1000+) family group sheets with many having the same given names that I don't know what I really have. This, along with my illegible penmanship, is why I went to my TI for help. There may be 'accepted' numbering systems, some using letters to denote generation, some number each individual.

I was most fortunate to find a local county history and biography set of books which had my paternal immigrant ancestor, born in 1701, down to my dad listed. From this I made up a FGS on each descendant on plain notebook paper. On the left side I list the male info and on the right the female info, starting with their names, their parents names, dates, and personal data on each. Below this I listed their children, in sequence, with dates. Aside this I enter the child's spouse, if married.

In my system I number each FGS, not each individual. The immigrant is FGS #1. Each new FGS is given the next consecutive number, regardless of generation or relationship. Each chart contains three types of numbers: the FGS#; aside the husband or wife their parent's FGS#; and for each married child his FGS#. It is these three numbers that tie the records together.

My genealogy class instructor stressed to always research from the known to the unknown, but I often research from the unknown to the unknown. Instead of gathering information on only known descendants, I am collecting any information on any Geisinger/Geissinger/Gisinger I can find. I am going both up and down the trees. This complicates both my manual and computer systems.

Many times the information is insufficient to definitely identify the person. In these cases I make up a FGS and number it "UN" for unnumbered or "NI" for not indexed, if I did not enter it in my manual index yet. If the information spans 3 generations and I can not tie it to the immigrant an alphabetic series such as A1, A2, A3... is used. When I can tie the A1 to the immigrant I renumber it to a numeric number. I file my sheets in numeric sequence in loose leaf binders.

Since I have so many duplicate names (often the same person) I want to print lists of all the Geis(ss)ingers

in alphabetic sequence with a major sort on first name and a minor sort on date of birth.

To do this I needed a database which contains a multi-level sort on non-adjacent fields. The only such data base in our library at that time was Easy Data. As I become familiar with newer and better data bases I plan to write quick and dirty programs to convert my files to a better data base.

To minimize wasted disk space I blocked 4 63 I/F byte records to a sector. The fields are: FGS#; male first, init, last, parent#; female first, init, last, parent#; generation; and birth date.

Many times I do not have a birth date, but one is required for the minor sort. I use an 8 digit number YYYYMMDD and print it as "YYYY.MMDD". If the date is unknown I make an educated guess and span the parent/child about 25 years. Some tombstones have years only. To distinguish which dates are guesses I enter the year YYYY, then MMDD 0000 for a correct year only and 9999 for a guess.

As for listings I list all my files in columnar format, which produces a neat appearing list. I want the flexibility to list any of the records in any format and in any sequence. I keep each file on separate floppies. So far I have only created my master (numeric), alphabetic, and male Geisinger child files.

The first set of printouts were of the complete files. First in numeric sequence, second sorted on the male (last,first) name, third sorted on the female (last,first) name. I then selected only male "GEIS" records from all files, combined them, and then sorted them (major on first name, minor on date of birth). As I get more files created I will make larger combined files.

My fear is that I may soon have files which are too large to sort. I assume I would then have to sort the files first, then merge them. If you have a program which can merge files on major and minor non-adjacent fields (if such a thing is possible) I would appreciate knowing about it.

After I had my master file (immigrant descendants) created I wrote an EXB program called FGS/SEARCH. I enter any FGS# and it prints that record and all the ancestors back to the immigrant. If necessary it switches male/female so that all descendants are on the left and the spouses on the right. It then advances for the next FGS#.

I have used TI-WRITER to print descendant charts. The format and size will be limited by the capacity of the printer. On my old 80 column printer I printed descendants of the 5th generation. I summarized 1st to 4th, and detailed 6th to 9th adding spouse and the FGS#. Each generation is indented one inch after the 6th.

I want the ability to change fields, record sizes, file lengths or data bases without re-keying any data. My original system was EXB, 32K, single SSSD disk and 80 column printer.

Should any of you other genealogists care to send me your articles on genealogy or data bases, or Geis(ss)inger family group sheets, or want further details on my system, my address is RD #2-Box 741; Zionsville, Pa. :3092; ph (215) 966-5233.

I hope this will encourage you, my fellow orphaned siblings, to get an interest in genealogy and use your TI. Drink lots of ROOT beer, the preferred drink of genealogists. (Ancestor Chart-FGS # 31 on page 3)

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  ********************************************************
  **   EVERYTHING I KNOW ABOUT LOADS, PEEKS, and POKES  **
  **        By Curt Finney, Ozark 99ers User Group      **
  ********************************************************
```

      add   value   action

   8192,P   Use (PEEK,P) if P<> 70 or P <> 121 THEN do CALL INIT
   8194,P   First free address in low memory
   8196,P   Last free address in low memory
 -28672,P   P=0 Speech not attached P=96 or P=255 Speech is attached
 -31572,0-255   Vary keyboard response
 -31740,P,Q   Put in different to change beeps, warnings
       ,192   No automatic sprite motion or sound
       ,224   Normal operation
       ,225   Magnified sprites
       ,226   Double sized sprites
       ,227   Magnified & double sized sprites
       ,232   Multicolor mode (48 by 64 squares
 -31794,P   Timer for call sounds from 0 to 255
 -31804,X,Y   Returns to the title screen (use "peek (2,X,Y)")
       ,P   Change the cursor flash rate (0 to 255)
 -31806,0   Normal operation
       ,16   Disable quit key
       ,32   Disable sound (use neg dur for continous sound)
       ,48   Disable sound and quit key
       ,64   Disable auto sprite motion
       ,80   Disable sprites and quit key
       ,9   Disable sprites and sound
       ,128   Disable sprites and sound and quit key
 -31808,P,Q   Double random numbers (0 to 255) need "RANDOMIZE"
 -31860,4   Go from EXBASIC to console BASIC (need "NEW")
       ,8   Auto run DSK1.LOAD
 -31866,P,Q   End of CPU program address (P*256+Q)
 -31868,0   No "RUN" or "lIST" after "BREAK" is used
       ,0,0   Turns off the 32k memory expansion
       ,255,231   Turns on the 32k memory expansion
 -31873,3-30   Screen column to start with a "PRINT"
 -31877,P   P&32=sprite COINCIDENCE P&64=5 sprites on a line
 -31879,P   Timer for VDP interrupts every 1/60th of a second (0 to 255)
 -31880,P   Random number (0 to 99) need "RANDOMIZE"
 -31884,0-5   Change keyboard mode (like("CALL KEY(K....)")
 -31888,63,255   Disable all drives (use NEW to free memory)
       ,55,215   Enable all disk drives (use "NEW" to use drives)
 -31931,0   To unprotect XB protection
       ,2   Set"On warning next" command
       ,4   Set "on warning stop" command
       ,14   Set "untrace" command
       ,15   Set "untrace" and "NUM" command
       ,16   Set "Trace" command
       ,64   Set "ON break next" command
       ,128   Set "XB protection" on
 -31952,P   PEEK P=55 32k memory is off <>55 on
 -31962,32   Return to the title screen
       ,255   Restart XB with DSK1.LOAD
 -31974,P,Q   End of VDP stack address (P*256+Q)
```

add   values(s)   action

```
-32112,8      Disk search for ?
-32114,2      Random garbage
     ,13      Screen loses controll
     ,119     Produce lines
-32116,2      Random characters on screen
     ,4       Go from XB to console basic
-32187,0      Unprotect XB program
     ,2       Set "on warning next" command
     ,4       Set "on warning stop" command
     ,9       Set "0 line number"
     ,14      Set "untrace" command
     ,15      Set "untrace & num" command
     ,16      Set "trace" command
     ,64      Set "On break next" command
     ,128     Protect XB program
-32188,1      Change color and recieve syntax error
     ,127     Change color and get breakpoint
-32630,128    Reset to title screen
-32699,0      Unprotect XB program
     ,2       Set "om warning next" command
     ,4       Set "on warning stop" command
     ,14      Set "untrace" command
     ,15      Set "untrace & num" command
     ,16      set "trace" command
     ,64      Set "on break next" command
     ,128     Protect XB program
-32700,0      Clears screen for an instant
-32729,0      Run"DSK1.LOAD"
-32730,32     Reset to title screen
-32961,51     Reset to title screen
     ,149     Sets "on break goto" locks system
```


CUTE
LITTLE
BART

```
* * * *  A MERRY MAY FROM * * * *
*       OZARK 99ER USERS GROUP      *
*           1342 E. STANFORD        *
*        SPRINGFIELD, MO 65804      *
* * * * * * * * * * * * * * * * *
```


finger
lickin'
Colonel
chicken