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THE ROVING EDITOR Larry Bryant
 First of all I would like to thank Earl Conway for going the extra mile to write, copy and distribute basically all of the previous newsletters besides serving as our first president. And I know his wife June is glad for them both to get a month off. I understand their two dobermans were getting tired of licking stamps and envelopes; thanks Earl.

In an effort to spread the task of putting out a newsletter we agreed to have a roving editor. This time you all got stuck with me. I am going to change the layout of the newsletter a little bit and try and put something in it that will be of interest to all members. I can't say enough about the wealth of information contained in the newsletters we get from other users groups. These newsletters will be at our future meetings for you to look at and hopefully copy. We will try and put the best information from them as copy in our newsletters as we have space. If any of you had trouble reading your last newsletter as I did we apologize. Evidently the business that

copied them for us had a problem. I hope to see you all at the next meeting.

MEMBERSHIP

Annual dues are \$12.00 with a \$5.00 initiation fee for new members. Members receive the newsletters and have access to programs in the club library. Membership status can be determined by the mailing label code. M stands for member (ingenious isn't it) with the date afterwards indicating when the annual dues are payable for that member. NO stands for newsletter only subscription for those only interested in the newsletters(\$8.00 per year). A 'N' indicates a non-member receiving a courtesy newsletter who needs to join up and support us or a member whose dues have expired.

Our current paid membership is only 13. We have about 66 on our mailing list so get your dues in to Larry Bryant at the address listed above. We need you. Also, if know of someone who has a TI and is not on our mailing list, let us know and we will send them a few newsletters to let them see if they are interested and invite them to a few meetings. The more members we have the more things we can do for the membership.

MEETING ANNOUNCEMENT

Until further notice we will have scheduled monthly meetings at Chattanooga State Technical Community College room T-129 at 7pm on the second Monday night of each month. Hopefully this will eliminate the problem of not everyone knowing about the meetings and let you all mark your calendars in advance. The meeting topic March 11 will be an approximately one hour long videotape of the fall TI home

computer exhibition including a special presentation by the former head of TI's home computer division. Our thanks to Fred Ballard for making this available to us. (by the way, Fred and a few other brave souls made it to the last meeting in the snow and ice. Maybe the weather will be a little nicer for our next meeting). There will also be some blank C-10 cassette tapes for sale to members for 50 cents each or non-members for 75 cents each. Let me encourage you to bring any hardware or cartridges you are wanting to get rid of to the meetings also- maybe someone else there is just looking for what you have. PLEASE HELP US ADVERTISE THIS MEETING BY POSTING THE MEETING ANNOUNCEMENT ON THE COVER OF THE NEWSLETTER AT YOUR OFFICE OR WHERE IT WILL BE SEEN.

SPECIAL INTEREST GROUP MEETING:

The third meeting of the FORTH SIG will be at Larry Bryant's home March 14 at 7pm. Call Larry at 875-5391 for directions. Be sure to bring your debugged FORTH program that was handed out at the last meeting.

PROGRAM LIBRARY

Our program library was on its way to a good start with the help of our librarian Jeff Ward and our president Kerry Roach. Jeff has decided to change brands of computers so he won't be our librarian any more. We appreciate Jeff's endeavors at the enormous task of cataloguing all the programs. Bill Thibodeaux was so very eager to know if he could please take Jeff's place as librarian so, soft hearted as Kerry is, he gave in to Bill. Believe it or not, we will finally have a library list to hand out at the next meeting. From it you members can select

programs. The program exchange policy and forms will also be available at the next meeting so don't miss it!

The library has the Forth manual and disks available, as well as the latest version of Multiplan.

SOFTWARE/HARDWARE AVAILABLE

American Design and Manufacturing is offering the daisy-chain type (plugs directly into the I/O port on your terminal) disk controller, a stand alone single-sided, single density disk-drive, and connecting cable for your TI 99/4A for \$99.00. They purchased these used items from TI. Although there is no guarantee from ADC on these items, they were tested by TI. I bought one to use as a second disk drive and Jim White did the same thing. The only thing I found wrong with mine was a partially cut cable which was easily repaired. Jim's also works fine I understand. This set is an excellent purchase for those with just a basic set-up to upgrade from cassette data storage to disk storage as well as for those wanting to add a second drive (a stand alone drive with power supply and case are close to \$200.00 alone). You can order one by calling toll free 800-524-0800 (New Jersey).

For those of you waiting on Sears to drop the prices on their big assortment of software including TI-writer and Multiplan, you waited too long, they sent all their TI stuff back.

Vice-president Ron Mitchell said he saw some TI99/4A replacement keyboards at the Radio Shack on Brainerd Road by Red Food for about three bucks each. It would be good to have a spare around if you have youngsters who get carried away

trying to dodge asteroids or barrels at the expense of your function key.

I mentioned above that Jeff Ward was wanting to change to brand X. Jeff has about everything imaginable for the TI including two disk drives, expansion system, TI impact printer and 232, TI-writer, Multiplan and many other items. He said he would consider splitting it up. For more information call Jeff after 5:30 pm at 615-332-3647.

TREASURERS REPORT:

During the month of February we had 3 membership renewals for \$36.00, one new membership (welcome Jim White) for \$17.00, cassette tape sales of \$25.00 and library program sales of \$7.00 for a total of \$85.00 income. There were no expenditures this month. With a beginning balance of \$181.15, our new balance on Feb. 27 is \$266.15.

PHONE DIALER PROGRAM

Here's a BASIC program I wrote several years back to dial a phone number for me and keep up with addresses. Looking back at the program now, I would have written it differently, allowing a menu driven file update system so I could add, delete, and change entries without going in to the data statements of the program itself. This program is in our library along with many others. To use the phone dialer, just hold the receiver mouthpiece up to the tv or monitor speaker and press the number of the person you want called. You may have to do some experimenting to get the sound level correct, but it works great. Hope you enjoy it. See if you can't modify the program to allow you to build the data files without going into the program itself; it shouldn't be very difficult.

```

100 CALL SCREEN(2)
110 FOR C=1 TO 12
120 CALL COLOR(C,4,2)
130 NEXT C
240 REM *****
241 REM HOME PROGRAM REV 3
242 REM LARRY BRYANT
250 REM *****
259 DATA CHUG
260 DATA CHUG/BOX 136 HIXSON
    TN 37343,8755591
270 DATA NAME2
280 DATA FIRST & LAST NAME2/
    ADDRESS NAME2/CITY/STATE /
ZIP,5555555
290 DATA NAME 3,FIRST& LAST
    NAME3/ADDRESS/CITY/STATE /
ZIP,1618333333
3
760 DATA WEATHER,NO ADDRESS AVAIL
    ABLE,8551234
780 DATA EOF
790 A1=697
800 A2=770
810 A3=852
820 A4=941
830 B1=1209
840 B2=1336
850 B3=1477
860 REM COUNT DATA
870 N=0
880 READ DATA$
890 N=N+1
900 IF DATA$="EOF" THEN 920
910 GOTO 880
920 REM IDENTIFY DATA
930 DIM D$(200)
940 RESTORE 250
950 FOR I=1 TO (N-1)
960 READ D$(I)
970 NEXT I
971 DIM Y$(11)
972 DATA 00,01,02,03,04,05,06,07,
08,09
973 FOR I=1 TO 11
974 READ Y$(I)
975 NEXT I
980 CALL CLEAR
990 REM MAIN SCREEN
1000 PRINT TAB(8);"MAIN INDEX":
1025 FOR I=2 TO 11 STEP 2
1030 PRINT " ";Y$(I);" ";D$((I-1)
*3-2);" ";Y$(I+1);" ";D$(I*3-2)

```

```

1040 NEXT I
1050 FOR I=11 TO (N-1)/3 STEP 2
1060 PRINT I-1;D*(I*3-2),I;D*((I+
1)*3-2)
1070 NEXT I
1080 PRINT : "press(A) for address
or (P) for phone number and numb
er beside name
wanted"
1090 PRINT "enter (R) to exit pro.
gram"
1100 CALL KEY(0,K,S)
1110 IF S=0 THEN 1100
1120 IF K=82 THEN 1160
1130 IF K=63 THEN 1340
1140 IF K=80 THEN 1430
1150 GOTO 1100
1160 END
1170 REM TWO DIGIT CALLKEY SUBROU
TINE
1180 FOR DELAY=1 TO 100
1190 NEXT DELAY
1200 CALL KEY(0,L,T)
1210 IF T=0 THEN 1200
1220 IF L=82 THEN 980
1230 IF L>57 THEN 1200
1240 IF L<48 THEN 1200
1250 FOR DELAY=1 TO 100
1260 NEXT DELAY
1270 CALL KEY(0,M,U)
1280 IF U=0 THEN 1270
1290 IF M=82 THEN 980
1300 IF M>57 THEN 1270
1310 IF M<48 THEN 1270
1320 V=((10*(L-48))+(M-48))+1
1330 RETURN
1340 REM ADDRESS SUBROUTINE
1350 GOSUB 1170
1360 CALL CLEAR
1370 PRINT D*(V*3-1): : : : : :
1380 PRINT "press (R) to return t
o main screen"
1390 CALL KEY(0,C,D)
1400 IF D=0 THEN 1390
1410 IF C<>82 THEN 1390 ELSE 980
1420 STOP
1430 REM PHONE SUBROUTINE
1440 GOSUB 1170
1450 CALL CLEAR
1460 PRINT D*((V*3)-2): : : :D*(V
*3): : : : : :
1470 FOR I=1 TO LEN(D*(V*3))
1480 X$=SEG$(D*(V*3),I,1)

```

```

1490 FOR DELAY=1 TO 50
1500 NEXT DELAY
1510 IF VAL(X$)=0 THEN 1530
1520 ON VAL(X$)GOSUB 1570,1590,16
10,1630,1650,1670,1690,1710,1730
1530 NEXT I
1535 FOR DELAY=1 TO 2000
1536 NEXT DELAY
1540 GOTO 980
1550 CALL SOUND(200,A4,0,B2,0)
1560 GOTO 1530
1570 CALL SOUND(200,A1,0,B1,0)
1580 RETURN
1590 CALL SOUND(200,A1,0,B2,0)
1600 RETURN
1610 CALL SOUND(200,A1,0,B3,0)
1620 RETURN
1630 CALL SOUND(200,A2,0,B1,0)
1640 RETURN
1650 CALL SOUND(200,A2,0,B2,0)
1660 RETURN
1670 CALL SOUND(200,A2,0,B3,0)
1680 RETURN
1690 CALL SOUND(200,A3,0,B1,0)
1700 RETURN
1710 CALL SOUND(200,A3,0,B2,0)
1720 RETURN
1730 CALL SOUND(200,A3,0,B3,0)
1740 RETURN
1750 STOP

```

NUMBER NAME

Here's a neat basic program courtesy of one of the users groups. Which one you ask? I don't know and don't have the newsletter files at my house so if everyone will forgive me I will give the much deserved credit next month in our newsletter.

The program will list all the possible letter combinations of your phone number. Try it out with your phone number, you may be suprised to find an easy word to help friends or your young children remember your phone number by.

```

10 DIM A(7)
20 A$="ABCDEFGHJKLMNPRSTUVWXY"
30 FOR I=1 TO 7
40 A(I)=0
50 NEXT I
60 NP=0
70 FL=0
79 REM -GET TELEPHONE NO.-
80 CALL CLEAR
90 PRINT TAB(10);"DIAL-A-WORD"
100 PRINT
110 PRINT "PLEASE DIAL IN A 7-DIG
IT"
120 PRINT "PHONE NUMBER":*(IN THI
S FORM: 5558888)"
130 PRINT "THEN PRESS <ENTER>."
140 PRINT
150 INPUT "NUMBER?":N$
159 REM -CHECK FOR ERRORS IN
INPUT-
160 IF LEN(N$)<>7 THEN 80
170 FOR I=1 TO 7
180 IF (SEG$(N$,I,1))="0")*(SEG$(
N$,I,1)<="9")THEN 200
190 FL=1
200 NEXT I
210 IF FL<>0 THEN 70
220 CALL CLEAR
229 REM -PRINT CURRENT COM-
BINATION OF LETTERS
230 FOR I=1 TO 7
240 IF SEG$(N$,I,1)="2" THEN 270
250 PRINT SEG$(N$,I,1);
260 GOTO 280
270 PRINT SEG$(A$,VAL(SEG$(N$,I,1
))*3-5+A(I),1);
280 NEXT I
290 PRINT " ";
300 NP=NP+1
310 IF NP/3<>INT(NP/3)THEN 330
320 PRINT
330 IF NP<63 THEN 410
340 PRINT
350 PRINT "PRESS <C> TO CONTINUE.
":*(Q) TO QUIT.";
359 REM -WAIT FOR KEY TO BE
PRESSED-
360 CALL KEY(3,K,S)
370 IF K=81 THEN 480
380 IF K<>67 THEN 360
390 NP=0
400 CALL CLEAR
409 REM -PRODUCE NEXT COMB-
INATION.-
410 P=1
420 A(P)=A(P)+1
430 IF (A(P)<3)*(SEG$(N$,P,1))="1"
)THEN 230
440 A(P)=0
450 P=P+1
460 IF P<8 THEN 420
470 PRINT
480 END

```

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VARI-PRINT :PIO PRINTER PROGRAM
Here is an EXTENDED BASIC
program I wrote out of necessity.
I found that I needed a way to
print the programs for this
newsletter in 33 column format to
match the rest of the newsletter.
There were several ways to
accomplish this; like writing a
fixed length new file to disk
using the LINPUT command from
extended basic; or copying the
program to disk using the LIST
"DSK1.NAME" command which formats
the program in DIS/VARIABLE 80
format allowing you to set margins
with the TI Writer commands ; or,
the option I chose, write a short
printer control program.

```

Although using the TI Writer option is attractive since it allows you to easily edit or correct programming errors on a long program, it requires that you use disk space to save the program again under a different filename in display format. For me that was too much trouble since I have a hard enough time thinking up new file names and keeping up with the files that I already have. The program is self explanatory, allows you to vary the print width, and works with any parallel printer with Olivetti compatible control codes.

```

100 ! VARIABLE WIDTH COLUMN PARAL
LEL PRINTER PROGRAM; LSBRYANT; CH
ATTANOOGA USER
5 GROUP; MARCH 1,1985
110 CALL CLEAR
120 DISPLAY AT(1,3):"THIS PROGRAM
ALLOWS VARIABLE WIDTH PRINT FROM
YOUR OLIVETTI
COMPATIBLE PIO PRINTER. ENTER DE
SIRED PRINT WIDTH IN FORM:"
130 DISPLAY AT(10,3):"FIRST DIGIT
= W1" :: DISPLAY AT(12,3):"SECON
D DIGIT = W2"
140 DISPLAY AT(14,3):"FOR EXAMPLE
; FOR A 42 COLUMN PRINT WIDTH W1=
4,W2=2"
150 DISPLAY AT(18,10):"W1=" :: AC
CEPT AT(18,14)SIZE(1)BEEP VALIDAT
E(DIGIT):W1

```


* Early	Math	Addison-Wesley:	
* Elementary		Computer Math Games II	
* to Junior		Computer Math Games VI	
* High			
* (5-14 yrs)		Milliken Math Series: Decimals, Percents, Laws	
		Addition, Subtraction, of Arithmetic, Equations	
		Multiplication, Measurement Formulas	
		Division, Fractions Numeration	
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	Computer Programming	LOGO II	

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		Beginners BASIC Tutor	

TI99/4A GROUP MEETING
MARCH 11, 1985
CSTCC ROOM T-129 7PM

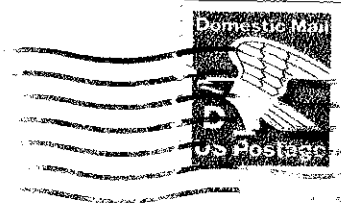
CHATTANOOGA USERS GROUP
(COACHING) MEETING AT CHATTANOOGA
STATE COLLEGE TECH COMMUNITY
BENCH ROOM. MEETING TOPIC WILL
AND COMMENTS BY TI EXHIBITION
THIS HOME COMPUTER EXHIBITION
OPEN TO ALL INTERESTED.

TI99/4A GROUP MEETING
 MARCH 11, 1985
 CSTCC ROOM T-129 7PM

CHATTANOOGA USERS GROUP
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 STAFF TECHNICAL COMMUNITY
 COLLEGE. MEMBERSHIP TO THE
 BECOME. OF THE EXHIBITION
 AND COMMITTEE BY EXHIBITION
 THIS COMMITTEE COMPLETE CHAIRMAN
 OVER THE AREA OPENED DISCUSSION
 OPEN TO ALL INTERESTED.

CHUG

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