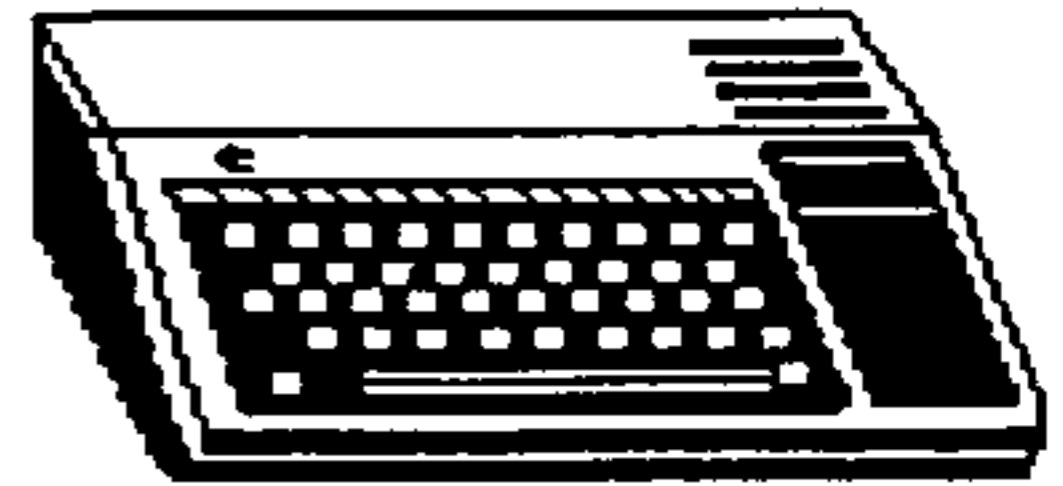




CLEVELAND AREA TI-99/4A USER GROUPS



JULY, 1995

OFFICE	TI-CHIPS	MEETINGS
CO-PRESIDENT	Glenn Bernasek 238-6335	10-12:00 A.M.
CO-PRESIDENT	Fred Lalacci 941-9397	M. Royalton
TREASURER	Lin Shaw 235-3912	County Library
MEMBERSHIP	John Parken 331-2830 4172 W. 217th St. Fairview Pk., OH 44126	State Rd. 80. of Route 82 1/4mi <u>EVERY THIRD SAT.</u>
SECRETARY	D. Stockdale 345-5239	
DISK LIBRARY	Les Kee 238-6938	JUL 15, 1995
TAPE & MODS	John Parken 331-2830	AUG 19, 1995
HARD COPY	Harry Hoffman 631-2354	SEP 15, 1995

OFFICE	NORTHCOST	MEETINGS
CO-PRESIDENT	Ken Gladyszewski 1357-7274	1-4 P.M.
CO-PRESIDENT	Walt Ryder 921-8223	Euclidian Room
Treasurer	Frank Jenkins 283-8526	Euclid Sq. Mall
MEMBERSHIP	Martin Smoley 1-257-1661 6149 Bryson Mentor, OH 44060	E.260th off I-90 (South) <u>EVERY THIRD SAT.</u>
SECRETARY	Deanna Sheridan 333-5986	
DISK LIBRARY	Martin Smoley 1-257-1661	JUL 15, 1995
TAPE & MODS	Frank Jenkins 283-8526	AUG 19, 1995
HARD COPY	Dick Alden 1-352-9172	SEP 15, 1995



From the Editor's Desk:



I don't have much front-page TI news this month. The best news of all though is that Harry Hoffman is back and eager to get started on the August newsletter. He is coming along fine except for some circulation problems with his legs.

The Usenet has been rather slow with any gossip. I have not seen any postings of the docs for TERM80. I do have the version I mentioned last month for anyone who would like to try it. Several picked up copies at the last NorthCoast meeting. I will have them available again this month.

Much thanks to Marty Smoley for practically doing to whole newsletter for me this month. Someone asked if it would be possible to track the probability of certain lotto numbers hitting over a period of time. Well, this challenged him to see if he could write a command file to do it, and he did. The results were rather lengthy, but welcome to me.

Also, as of today (July 4), I

have not received the June CHIPS notes. Therefore, I am publishing the May notes which came too late for last month's newsletter.

To all you programmers out there..TI and IBM. Since it was not all that difficult to write a program (PC TRANSFER) that would read and write to IBM formatted diskettes, how difficult would it be to write an IBM program that would read and write to TI diskettes...a PC Transfer in reverse. I would guess that about 90% of TIers now have DOS machines, but probably less than 50% of them have CorComp or Myarc disk controllers that would enable them to use PC TRANSFER. I don't know about you, but I am constantly transferring from one machine to another, whether it be graphics or programs I have downloaded from GENIE, etc. I would certainly purchase such a program. How about it?

Don't let the heat get to you, and see you at the July meetings!



TI-CHIPS Executive Notes

MINUTES - TI-CHIPS - MAY, 95
Dinny Stockdale - Secretary

The meeting was called to order by Glenn Bernasek. Lynn Shaw gave the Treasurer's Report.

Les Kee reported that when he completes the organization of the library disks, he will make a printout.

John Parken reported an increase in membership.

The report from Lima was that the attendance was down, and also number of vendors. However, one person came from New York by car. It was felt that the printer offered by Chips was good PR.

It was asked if there was any interest in Cleveland hosting the

Spring Conference instead of Lima next year.

Vonn Malcuit is copying some disks from Lima to give to the library.

Jim Krych presented the second part of the new board called the Super AMS. Much interest was shown.

Les gave his monthly presentation on new ways to track decimal values. This would be of help, for example, in geometric figures.

Meeting closed with Glenn "calling the hour".



NORTHCOAST 99ers Executive Notes

NORTHCOAST NOTES - JUNE, 1995 - DEANNA

There was no formal meeting in June with the Party. I believe that everyone had a good time and enjoyed the food. Much thanks to Anna Marie Smoley who made those delightful desserts, saw that there was an unending supply of food and drink, and provided such amenities as table cloths, centerpieces, etc. We really appreciate her efforts.

Mostly we left people to themselves to mingle and catch up on old times. Those who signed in were: M. Mae Harvey, Florence Erickson, John Wardrop, Jerry Reising, Dwayne Hughes, Tom Nellis, Daniel W. Davenport, and

Joseph Prikockis. There were others who did not sign and I know that John Sturman was there and others whose names have escaped me at the moment.

We were hoping that enough would come out for this special occasion to provide a quorum to vote on the changing of the constitution. We were one member shy, so Marty has sent out cards with return-postage mail and hopefully will have enough back by the next meeting to take care of that little matter.

Marty has the July demo and will be putting Rich XB through its paces for us.

SOME USEFUL SHAREWARE UTILITIES

BY PAUL COLEMAN

REVIEWED BY DEANNA SHERIDAN - NORTHCOAST 99ERS

I picked up a disk at Lima which contained several useful programs by Paul Coleman who authorized such programs as Designer Labels, CardShop, Giant Artist Posters, etc. Following is a brief summary of what they do. I will have disks available at the next NorthCoast meeting and will put one in the library.

The programs are:

1. Catalope
2. Labelmaker
3. Printer
4. Quizmaker
5. Timetravel

CATALOPE

Prints out a catalog of a disk in a format to fit on the front of your disk envelope no matter how many files are on the disk. This eliminates the need to cut and tape. Alternately, you can print a disk envelope "outline" around the catalog to create customized disk jackets quickly and in the format you want.

LABELMAKER

Labelmaker is actually two programs in one: 1) a program that allows you to print out labels exactly as you want them in a number of different pitches and 2) a mailing list program. A sample file of names and addresses are included so that you can see how this feature works. The labels can be printed in four different styles or pitches.

PRINTER

All of the programs on this disk use Epson compatible codes. In case someone still has a printer that does not support Epson codes this file gives the codes used and the lines in the

various programs on this disk which would need to be changed.

QUIZMAKER

This programs allows you to build your own quiz questions to be used in the TIME TRAVEL program. For example, you could create a quiz based on trivia in your own family, sports trivia, or any specialized area of history you enjoy. The files can be edited at any time to update or change them.

TIMETRAVEL:

Timetravel is a very interesting and fun educational game. It is combination calendar and history quiz. The "calendar" portion covers the years 1601-2100. It will display any month from this period on the screen. It will also display any year on the screen; i.e., an entire year can be displayed on the screen at one time. Either of the displays can be sent to a printer with the full-year version taking up one full page and the single-month version taking up 1/3 page. The program also has a YEAR SEARCH feature, giving you all the years identical to the one you have chosen within a range of years you specify.

The second half of the program consists of a 115-question history quiz. It resides on the disk as QUIZFILE. However, you can create other quizzes with other names. You can take a quiz of up to 30 questions at a time and the computer will never ask the same question twice. Questions are in multiple choice format and utilize the speech synthesizer. After each question, you have the option of seeing the actual calendar month for that event displayed before moving on to the next question.

* 06/11/95 LOTOPRNT/C

```

CLOSE ALL
SET TALK=OFF
CLEAR
SET HEADING=OFF
SET RECNUM=OFF
SET PAGE=000
SELECT 2
  USE L_TOTAL
SELECT 1
  USE LOTOTOT
TOP
SET CRLF=OFF
WRITE 13,10,"Printing Report"
PRINT (E)
PRINT "      Report on occurrences;
of 0-9 in", (CR), (LF), "      a three;
digit Lottery Number.", (CR), (LF), (CR);
(LF)
PRINT "Occurrences|| First | Second | T;
hird ||Overall", (CR), (LF)
PRINT "      of || Digit | Digit | D;
igit || Total", (CR), (LF), (48=), (CR), (LF)
PRINT "      0 || ", T0
MOVE
PRINT " | ", T0
MOVE
PRINT " | ", T0
PRINT " || ", 2.TT0, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      1 || ", T1
MOVE
PRINT " | ", T1
MOVE
PRINT " | ", T1
PRINT " || ", 2.TT1, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      2 || ", T2
MOVE
PRINT " | ", T2
MOVE
PRINT " | ", T2
PRINT " || ", 2.TT2, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      3 || ", T3
MOVE
PRINT " | ", T3
MOVE
PRINT " | ", T3
PRINT " || ", 2.TT3, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      4 || ", T4
MOVE
PRINT " | ", T4
MOVE

```

```

PRINT " | ", T4
PRINT " || ", 2.TT4, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      5 || ", T5
MOVE
PRINT " | ", T5
MOVE
PRINT " | ", T5
PRINT " || ", 2.TT5, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      6 || ", T6
MOVE
PRINT " | ", T6
MOVE
PRINT " | ", T6
PRINT " || ", 2.TT6, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      7 || ", T7
MOVE
PRINT " | ", T7
MOVE
PRINT " | ", T7
PRINT " || ", 2.TT7, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      8 || ", T8
MOVE
PRINT " | ", T8
MOVE
PRINT " | ", T8
PRINT " || ", 2.TT8, (CR), (LF)
PRINT (48-), (CR), (LF)
TOP
PRINT "      9 || ", T9
MOVE
PRINT " | ", T9
MOVE
PRINT " | ", T9
PRINT " || ", 2.TT9, (CR), (LF)
PRINT (48=), (CR), (LF)
TOP
PRINT " Starting Date: ", F_L_DATE, (CR);
(LF)
MOVE
PRINT " Latest Date: ", F_L_DATE, (CR);
(LF)
SET CRLF=ON
SET HEADING=ON
SET RECNUM=ON
SET PAGE=000
CLOSE ALL
SET TALK=ON
CLEAR
RETURN Copyright Martin A. Smoley 1995

```


OHIO North Coast 99'ers

TI99/4A Users Group

By Martin A. Smoley © June 14, 1995

6149 Bryson Drive, Mentor, Ohio 44060-2324

TI-Base Version 3.02

A TI user from Pennsylvania sent me a question on TI-Base and the PA Lottery. The question was, how can I use TI-Base to keep track of a 3-digit lottery number and track the occurrences of the numbers 0-9 in each location, (left, middle and right), and keep a total of the occurrences of each number? I suppose this should give you some insight on winning numbers by picking the number most selected in the past. I don't believe it, but what the heck, here goes. I created three Databases (Dbs) for the job, and three Command Files (CFs). The Report that was generated is below this. A listing of the Lotto number Db (LOTONUM) is to it's right and the Structure of LOTONUM is to the right of that. NOTE: LOTONUM must be sorted on the DATE field for the calculation CF to work properly.

Report on occurrences of 0-9 in a three digit Lottery Number.

Occurrences of	First Digit	Second Digit	Third Digit	Overall Total
0			1	1
1	2	1	1	4
2	4	4	1	9
3	1	1	1	3
4	1		1	2
5			2	2
6	1	2	1	4
7	2	3	4	9
8	3	2	1	6
9	1	2	2	5

Starting Date: 04/09/95
Latest Date: 07/20/95

If you look at the LOTONUM listing (bottom center page), NC1, NC2 and NC3 contain the three digit lottery number, with NC1 being the First Digit, NC2 the Second Digit, and NC3 the Third Digit in the report to it's LEFT. The DATE field holds the date of the drawing and the MK field holds a mark which is put in by the CF which calculates for the report, (LOTOCALC). The mark tells LOTOALC which records have previously been calculated. This lets you put in past numbers you may have missed, and LOTOALC will pick them out and re-calc the data. You should take note of the fact that I am not holding the lottery number as numbers, but as characters, (see LOTONUM STRUCTURE, lower right). This is strictly my preference, but I do it this way because I am not adding lottery numbers together, I am counting occurrences of a lottery digit.

On the opposing page you should see LOTOPRNT, which prints out the report in the lower left corner of this page. It prints to my Star NX-1000 printer and the only odd item might be PRINT (E). This is my built in printer control for Emphasized. If you are not up on printing with TI-Base, another thing that might be notable is the use of SET CRLF=OFF/ON. I set the CRLF off at the beginning of the CF. This means TIB will try to put everything on the same line unless I send a (CR) (LF) from the CF. That is why you see a lot of [(CR),(LF)]s all over the place. "So why the heck did I do that?" Well, because this will let me print one item and TIB and the printer will both think that the next item I send to the printer should go on the same line, even if I MOVE to another record, GO TOP, or even change to another Db. If you study LOTOPRNT and LOTOTOT closely, you will see that I store totals under the same fieldname in consecutive records. So, PRINT T7, MOVE, PRINT T7, MOVE, PRINT T7, will print three different totals on the same line, even though the same fieldname is used (T7).

REC	DATE	NC1	NC2	NC3	MK	CREATED	CHANGED
0010	04/09/95	9	6	7	-	06/11/95	06/13/95
0014	04/12/95	1	1	1	-		
0005	05/06/95	6	7	0	-	1 DATE	D 008
0013	05/10/95	2	9	4	-	2 NC1	C 001
0006	05/13/95	7	2	9	-	3 NC2	C 001
0007	05/20/95	4	8	5	-	4 NC3	C 001
0008	05/27/95	3	2	7	-	5 MK	C 001
0000	06/03/95	1	2	3	-		
0011	06/05/95	7	7	7	-		
0001	06/10/95	2	6	7	-		
0009	06/14/95	2	7	9	-		
0002	06/17/95	8	3	2	-		
0003	06/24/95	8	2	6	-		
0004	07/01/95	2	9	5	-		
0012	07/20/95	8	8	8	-		

000 1 LOTONUM 00014/00015



LOTONUM



By Martin A. Smoley © June 17, 1995

6149 Bryson Drive, Mentor, Ohio 44060-2324

TI-Base Version 3.02

I printed out the complete listings of the LOTOTOT and L TOTAL Dbs, along with their STRUCTURES. Looking at LOTOTOT you should notice three records; the first record (0000) holds the first digit or NC1s total, the second record (0001) holds the second digit or NC2s total, and the third record (0002) holds the third digit, which is NC3s total. The only record in L TOTAL holds the overall totals, for the report. These are all Number fields because math is involved. Hopefully LTOCALC is on the next page, so you can read this and compare fields and such. LTOCALC is a big CF, but it is not very special. It is more repetitive than complicated.

LTOCALC starts by USEing LOTOTOT and LOTONUM. The first WHILE loop speeds through LOTONUM looking for the "" Mark. As long as "" is present in the MK field TIB speeds on to the next record (doing nothing to the data). If "" is not found, all of that weird DOCASE stuff is done, after which TIB goes back to looking for the lack of a "" in the MK field of LOTONUM. This is why LTOCALC will find a past lottery number you might stick in at some later date. The DOCASE stuff works like this. SELECT 1 tells TIB to concentrate on LOTOTOT, which is in slot 1. GO 0 tells TIB to go to record 0000 in LOTOTOT. The rest of that CASE section checks to see if a 0, 1, 2, 3..9 occurs in NC1, (which is located in LOTONUM, in slot 2, thus 2.NC1). TIB then GOes to 1, in LOTOTOT, and searches 2.NC2 for 0, 1, 2, etc. If a match is found, 1 is added to the corresponding total in T0, T1, T2, etc. After each digit is checked for 0-9 and 1 is added to its corresponding total, TIB loops back to check for "". This happens because, at the end of the DOCASE stuff TIB is in, or switches to, slot 2 and MOVEs to the next record in LOTONUM. So LTOCALC clicks through LOTONUM, one record at a time, adding to the total occurrences of 0-9 in the corresponding fields in LOTOTOT. When it runs out of records to check, TIB closes LOTONUM and USEs L TOTAL. in slot 2. TIB then SUMs, or adds, all three records of LOTOTOT and places the total in the corresponding field of the L TOTAL Db in slot 2.

LOTOTOT

REC	T0	T1	T2	T3	T4	T5	T6	T7	T8	T9	F_L_DATE
0000		2	4	1	1		1	2	3	1	04/09/95
0001		1	4	1			2	3	2	2	07/20/95
0002	1	1	1	1	1	2	1	4	1	2	/ /

L_TOTAL

REC	TT0	TT1	TT2	TT3	TT4	TT5	TT6	TT7	TT8	TT9	TDATE
0000	1	4	9	3	2	2	4	9	6	5	/ /

CREATED 06/11/95 CHANGED 06/13/95
FIELD DESCRIPTOR TYPE WIDTH DEC

1	T0	N	004	00
2	T1	N	004	00
3	T2	N	004	00
4	T3	N	004	00
5	T4	N	004	00
6	T5	N	004	00
7	T6	N	004	00
8	T7	N	004	00
9	T8	N	004	00
10	T9	N	004	00
11	F_L_DATE	D	008	

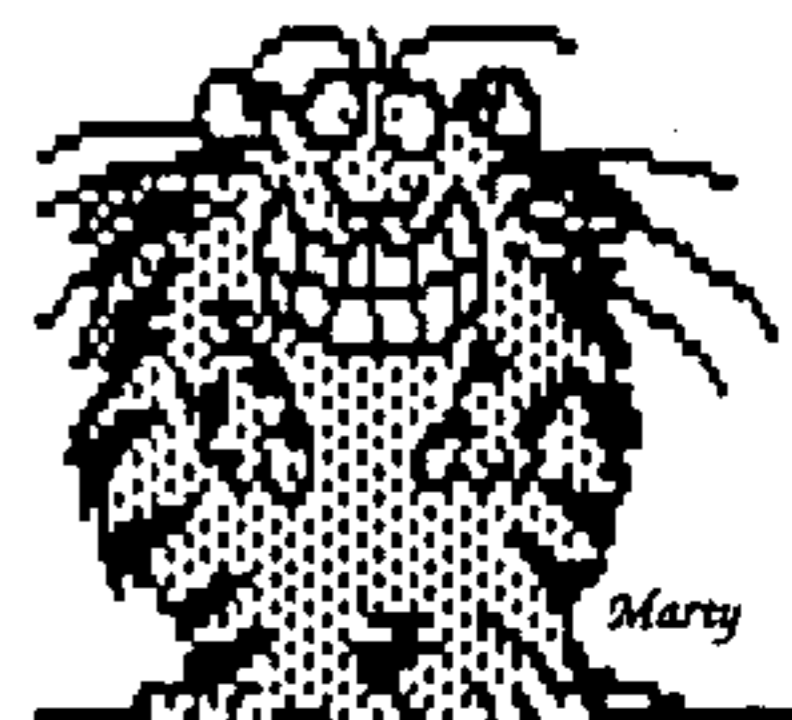
000 1 LOTOTOT 00000/00003

CREATED 06/11/95 CHANGED 06/13/95
FIELD DESCRIPTOR TYPE WIDTH DEC

1	TT0	N	004	00
2	TT1	N	004	00
3	TT2	N	004	00
4	TT3	N	004	00
5	TT4	N	004	00
6	TT5	N	004	00
7	TT6	N	004	00
8	TT7	N	004	00
9	TT8	N	004	00
10	TT9	N	004	00
11	TDATE	D	008	

000 1 L_TOTAL 00000/00001

If you look at LOTOTOT and L TOTAL along with the SUM section near the end of LTOCALC you will see that TIB adds the T0 field of records 0000, 0001 and 0002 and puts the total in TT0 of L TOTAL. You can add the columns T0, T1, T2, etc. and the total below it in TT0, TT1, TT2, etc. should match. The only other thing that LTOCALC does is put a tilde "" in the MK field of LOTONUM to keep track of which records have already been totaled. "Like I've said before, this stuff is not hard, it's just a little tricky. If you take it one piece at a time, any job is doable."



* 06/11/95 LOTOALC/C

```
SET TALK=OFF
CLEAR
SET HEADING=OFF
SET RECNUM=OFF
SET PAGE=000
LOCAL NM N 4 0
SELECT 1
USE LOTOTOT
* lotonum must be sorted on date
SELECT 2
USE LOTONUM
REPLACE 1.F L DATE WITH 2.DATE
WHILE .NOT. (EOF)
WHILE (MK = "") .AND. (.NOT.(EOF))
WRITE 13,10," Checking > ",NM," < ",MK
MOVE
REPLACE NM WITH NM + 1
ENDWHILE
WRITE 13,10,"Calculating > ",NM," < ",MK
REPLACE NM WITH NM + 1
IF .NOT. (EOF)
SELECT 1
GO 0
DOCASE
CASE 2.NC1 = "0"
REPLACE 1.T0 WITH 1.T0 + 1
BREAK
CASE 2.NC1 = "1"
REPLACE 1.T1 WITH 1.T1 + 1
BREAK
CASE 2.NC1 = "2"
REPLACE 1.T2 WITH 1.T2 + 1
BREAK
CASE 2.NC1 = "3"
REPLACE 1.T3 WITH 1.T3 + 1
BREAK
CASE 2.NC1 = "4"
REPLACE 1.T4 WITH 1.T4 + 1
BREAK
CASE 2.NC1 = "5"
REPLACE 1.T5 WITH 1.T5 + 1
BREAK
CASE 2.NC1 = "6"
REPLACE 1.T6 WITH 1.T6 + 1
BREAK
CASE 2.NC1 = "7"
REPLACE 1.T7 WITH 1.T7 + 1
BREAK
CASE 2.NC1 = "8"
REPLACE 1.T8 WITH 1.T8 + 1
BREAK
CASE 2.NC1 = "9"
REPLACE 1.T9 WITH 1.T9 + 1
BREAK
ENDCASE
GO 1
DOCASE
```

```
CASE 2.NC2 = "0"
REPLACE 1.T0 WITH 1.T0 + 1
BREAK
CASE 2.NC2 = "1"
REPLACE 1.T1 WITH 1.T1 + 1
BREAK
CASE 2.NC2 = "2"
REPLACE 1.T2 WITH 1.T2 + 1
BREAK
CASE 2.NC2 = "3"
REPLACE 1.T3 WITH 1.T3 + 1
BREAK
CASE 2.NC2 = "4"
REPLACE 1.T4 WITH 1.T4 + 1
BREAK
CASE 2.NC2 = "5"
REPLACE 1.T5 WITH 1.T5 + 1
BREAK
CASE 2.NC2 = "6"
REPLACE 1.T6 WITH 1.T6 + 1
BREAK
CASE 2.NC2 = "7"
REPLACE 1.T7 WITH 1.T7 + 1
BREAK
CASE 2.NC2 = "8"
REPLACE 1.T8 WITH 1.T8 + 1
BREAK
CASE 2.NC2 = "9"
REPLACE 1.T9 WITH 1.T9 + 1
BREAK
ENDCASE
GO 2
DOCASE
CASE 2.NC3 = "0"
```

```
>>>
REPLACE 1.T0 WITH 1.T0 + 1
BREAK
CASE 2.NC3 = "1"
REPLACE 1.T1 WITH 1.T1 + 1
BREAK
CASE 2.NC3 = "2"
REPLACE 1.T2 WITH 1.T2 + 1
BREAK
CASE 2.NC3 = "3"
REPLACE 1.T3 WITH 1.T3 + 1
BREAK
CASE 2.NC3 = "4"
REPLACE 1.T4 WITH 1.T4 + 1
BREAK
CASE 2.NC3 = "5"
REPLACE 1.T5 WITH 1.T5 + 1
BREAK
CASE 2.NC3 = "6"
REPLACE 1.T6 WITH 1.T6 + 1
BREAK
CASE 2.NC3 = "7"
REPLACE 1.T7 WITH 1.T7 + 1
BREAK
CASE 2.NC3 = "8"
REPLACE 1.T8 WITH 1.T8 + 1
BREAK
CASE 2.NC3 = "9"
REPLACE 1.T9 WITH 1.T9 + 1
BREAK
ENDCASE
REPLACE 2.MK WITH ""
SELECT 2
ENDIF
MOVE
ENDWHILE
SELECT 1
GO 1
REPLACE 1.F L DATE WITH 2.DATE
SELECT 2
CLOSE
USE L TOTAL
SELECT 1
SUM T0 TO 2.TT0
SUM T1 TO 2.TT1
SUM T2 TO 2.TT2
SUM T3 TO 2.TT3
SUM T4 TO 2.TT4
SUM T5 TO 2.TT5
SUM T6 TO 2.TT6
SUM T7 TO 2.TT7
SUM T8 TO 2.TT8
SUM T9 TO 2.TT9
CLOSE ALL
SET HEADING=ON
SET RECNUM=ON
SET PAGE=000
SET TALK=ON
CLEAR
RETURN Copyright Martin A. Smoley 1995
* 06/11/95 LOTOALC/C
```



By *Martin A. Smoley* © June 16, 1995

6149 Bryson Drive, Mentor, Ohio 44060-2324

TI-Base Version 3.02

I made some last minute changes to LOTOENT so it would be more understandable and readable, I hope I did not mess something up in the process. LOTOENT (listed to the right) is designed to accept your input and then place that input into LOTONUM. One of the first things I do is create several LOCALs to temporarily hold the data. I use short names for my LOCALs but I try to keep track of what they are for by their names, such as LN for Left Number, RN for Right Number etc. The big WHILE loop continues to loop as long as the answer to MORE is Y)es or y)es. LOTOENT will clear the screen and ask you to enter the information starting with the date of the lottery drawing. After that it will ask for the lottery number. The lottery number is taken in with the use of READCHAR. This means that you do not need to press enter. As soon as you press a key the answer is accepted. If you make a mistake, TIB will ask if your answer is correct before it saves the data to LOTONUM. If you answer N)o or n)o, the data will be tossed out and you are given a second chance to enter the data. If you answer Y)es or y)es, the CF USEs or opens LOTONUM and transfers the data to a new record, which it APPENDs. After transferring the data TIB CLOSEs LOTONUM and asks if you want to enter more data. If the answer is Y)es or y)es, TIB clears the LOCALs and loops around again so you can input another record.

With these CFs and Dbs on my DATDISK I simply type DO LOTOENT to enter new data into the system, DO LOTOALC to recalculate the data and DO LOTOPRNT to print out a report on the data in the system so far. To recalculate the system from the beginning I edit LOTOTOT and blank out all the data, (there are only three records). Then I type USE LOTONUM <E> and then I type REPLACE MK WITH " " FOR; 1=1 <E>. This will blank all the MK fields so I can rerun LOTOALC and it will redo all the totals from start to finish.

NOTE: The TI is small and somewhat slow, but with some modifications this system could be modified to track a lottery number that uses more numbers and larger numbers. I became enthused about this because it is a new and different application for the TI. Good Luck.

```
*      06/12/95      LOTOENT/C
CLOSE ALL
SET TALK=OFF
CLEAR
SET HEADING=OFF
SET RECNUM=OFF
SET PAGE=000
LOCAL DT D 8
LOCAL LN C 1
LOCAL MN C 1
LOCAL RN C 1
LOCAL GOOD C 1
LOCAL MORE C 1
REPLACE MORE WITH "y"
WHILE (MORE="Y") .OR. (MORE="y")
  REPLACE GOOD WITH "N"
  WHILE (GOOD="N") .OR. (GOOD="n")
    CLEAR
    WRITE 2,5,"Enter three digit lottery;
number"
    WRITE 4,10,"Enter drawing Date           "
    WRITE 6,10,"EXAMPLE mm/dd/yy           "
    READSTRING 7,19,DT
    WRITE 9,10,"Enter drawing Number       "
    WRITE 11,10,"EXAMPLE nnn              "
    READCHAR 12,23,LN
    READCHAR 12,24,MN
    READCHAR 12,25,RN
    WRITE 15,10,"Correct YyNn: "
    READCHAR 15,25,GOOD
  ENDWHILE
  IF (GOOD="Y") .OR. (GOOD="y")
    USE LOTONUM
    APPEND BLANK
    REPLACE DATE WITH DT
    REPLACE NC1 WITH LN
    REPLACE NC2 WITH MN
    REPLACE NC3 WITH RN
    CLOSE
  ENDIF
  WRITE 15,05,"More entries YyNn:"
  READCHAR 15,25,MORE
  REPLACE DT WITH "00/00/00"
  REPLACE LN WITH " "
  REPLACE MN WITH " "
  REPLACE RN WITH " "
ENDWHILE
SET HEADING=ON
SET RECNUM=ON
SET PAGE=000
CLOSE ALL
SET TALK=ON
CLEAR
RETURN Copyright Martin A. Smoley 1995
*
*      06/12/95      LOTOENT/C
```


LIBRARY UPDATE

By Bruce Rodenkirch July 1995

DISK 95021:

This is GENIE 5816, archived, which contains two programs. One is a nice drawing program which is more of a demo than a finished program but is quite interesting and usable as it stands. It even allows filling the finished drawing with colors of your selection. The second program is a video Titler which is quite useful for those of you who have video cameras. You can create your own title screens with pictures and text and transport them to video tape. In order to use these programs you will have to de-archive the Genie file but I did have space for the instruction files for both program's docs.

DISK 95022:

A collection of articles of the TI which I downloaded from the Internet newsgroup section. The Echo files are a compilation of the exchange of messages from one TI'er to another. The other files starting with "TI-" are reviews of some TI hardware. The CC-40 is a TI compact and portable computer, and was TI's version of the laptop. Text and program files created on it can be transferred to the TI-99. The computer can still be purchased and accessories and programs for it are still available. The disk catalog is as follows: ECHO3-25, TI-CC40, TI-ECHO-1, TI-HEXBUS, TI-INVERTR and TI-MAILIST.

DISK 95023:

More downloads of TI product reviews, many of which were previously printed in Micropendium. The subject matter is obvious from the disk catalog: TI-CC40-1, TI-CC40-2, TI-HEXBUS, TI-MATH, TI-PCODE1, TI-PCODE2 and TIMATHGMES.

DISK 95024:

More messages from the Internet. TI-ECHO is a part of the ECHO system of sending messages through the Information Highway and TI has their own section. The TI-ADDRESS file is a listing of the electronic mail addresses of many of the people in the TI world. If you have access to one of the commercial services like Delphi, Genie, CompuServe, Internet or Freenet you can send mail to them. The disk catalog is: ECHO-FEB1, ECHO-FEB2, ECHO-FEB3, PCINTRFACE and TI-ADDRESS.

DISK 95025:

More text files about TI related things as above. The disk catalog is: ECHO-MAR13, FIDO:FEB95, TI-ASSEMB, TI-BASEBAL, TI-MSG-FEB, TI-TRONICS and TIMUSICSDA.

DISK 95026:

A collection of DV80 humor files. The disk catalog is: DUMB-MEN, FATHER, HU-REALMEN,9 DIS/VAR 80 U HUM-2/9/95, 56 DIS/VAR 80 U HUM-3/7/5, HUM-AIM, HUM-BUGGY, HUM-FAX, HUM2-9-5, NITEVISITR, NUMBERTRIK, QUOTES, QUOTES1217, THEBRAIN and XMASCAROLS.

DISK 95027:

For those of you who are gourmands or just like to eat here are some mouth watering recipes. Zucchini season isn't too far away and there are some interesting recipes here for using up the large quantities of this tasty vegetable. The disk catalog is: BAGELS, CARROT-REL, CHCK-MEDLY, COCON-GEMS, CRMBATONS, DUMPLINGS, EGGONTOAST, EGGPLANT, FRIEDZUCC, JERKY3, MICRO-FISH, MICRO-SALM, MOCKTURKEY, MOZZARELLA, MUSTARD, PAPRIKA, PARTYBEANS, PBTTR-PIE, PEACHTEA, PNUTBROWNY, PORKCHOPS, REC-PAVLOV, REC-SALMON, REC-WONTON, RECIPES, RIC-CAKE, RICOTTA2, SATAYSAUCE, TUNABEAN, TUNANODDLE, TUNASPRE, ZUCC-CASS, ZUCC-RECIP and ZUCHINNI.

DISK 95028:

These files are about scientific subjects and deal with mostly NASA reports on what has been found by the Hubble Telescope and other space probes. The LI-Battery file discussed the differences in the cost of use of nickle cadmium and lithium batteries. The disk catalog is: EL-NINO, HST-EUROPA, HST-WEATHER, MIRROR, NAS-GALILI, NAS-TETHER, NASA-ABORT, NASA-AXAF, NASA-EXPER, NASA-IMAX, NASA-LTNG, NASA-TOMS, NASAROVER and SPACETRVL.

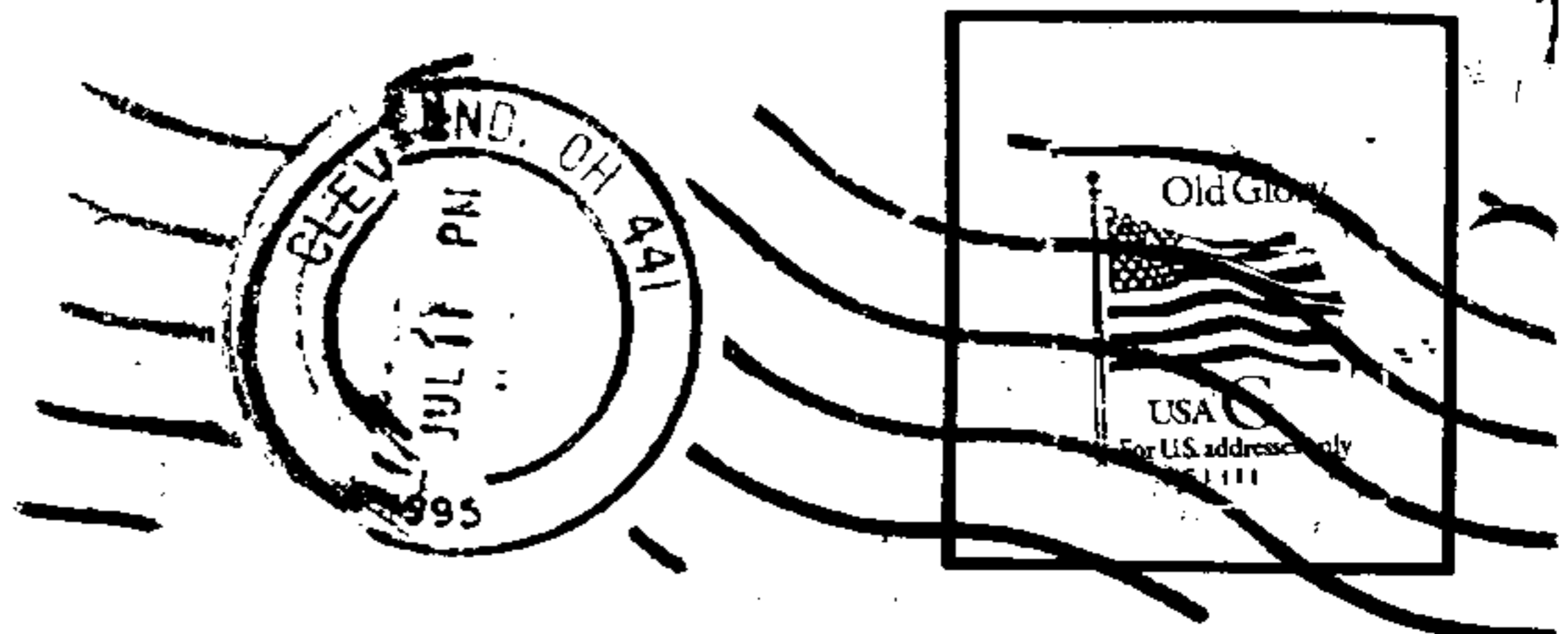
DISK 95029:

This is a DSSD containing a complete manual for the MDOS system used for the Geneve 9640 computer. The one I got with my used machine was the original and even though there are updates with each new version of the MDOS this is the first complete updated manual. These are GENIE files 5767 and 5768. It is well worth de-archiving because there have been many revisions since the original manual.

DISK 95030:

This is a disk catalog program called MASTERDISK. The program looks for this disk name so don't change it. There are no docs and I had a lot of trouble trying to make it run. One of the members of the Akron group thinks it's great for listing his disks and I will try to get him to do a demo so I can let you know how to use it. Anyway here it is for you to play with. Perhaps you can figure it out until I find out how to run it.

**Cleveland Area User Groups
 % Harry Hoffman
 3925 Trowbridge Ave.
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