

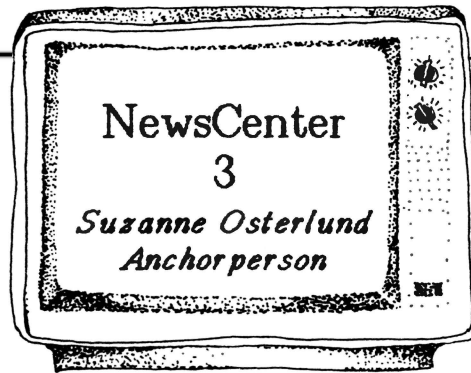
T MUG

T/MAKER USER'S GROUP NEWSLETTER
VOLUME 3, NUMBER 2, MARCH/APRIL 1984

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PLEASING PRESS

OK guys, here's some more of the good stuff. Skip over this section if you don't like hearing all the praise people are passing T/Maker's way.

Life Insurance Selling featured an article by Richard Shoemaker entitled, "The Computer User's Notebook, Part I: T/Maker III, Decision Analyst, and Mini-Ledger". Here's what Shoemaker has to say about T/Maker:

I learned the program quickly enough to use it efficiently enough to write this review with it. A program that is easy to make useful is a bargain at any price. (p. 122)

pp. 118-126, January 1984

InfoWorld included press about T/Maker's educational deal with the state of West Virginia. This deal is one of major importance to T/Maker and the future use of computers in education. Reporter Peggy Watt wrote in "West Virginia Starts Micro Network for Its Schools":

... Cook said the state wanted a multipurpose software package that would introduce students to the computer applications that they are most likely to encounter in their future jobs: word processing, data-base management and electronic spreadsheets. One reason the state chose T/Maker III was the willingness of the program's developer, T/Maker Company of Palo Alto, California, to give unlimited license for the program. (p. 16)

pp. 16, 18, March 5, 1984,
Vol. 6, Issue 10.

Interface Age (March 1984) included a four-page article by Mike Heck entitled "T/Maker III: Integration at a Modest Price". This article almost qualifies for our "Boos and Hisses" section, but it wasn't quite nasty enough. Here's a few samples.

Compared to some dedicated spreadsheets or other integrated applications, T/Maker is more limited in scale. For example, the maximum work area width is 800 columns, about 33 nine-character cells in spreadsheet terms. Most spreadsheets are a minimum of 255 cells wide. (p. 42).

... T/Maker III does not permit the flexibility of a dedicated spreadsheet, primarily because calculations must be planned in more detail. . . . (p. 44).

This article also reveals the positive aspects of T/Maker III with comments such as these --

... I like the way T/Maker III handles on-screen formatting. Many programs require embedding text formatting commands that are interpreted at print time. T/Maker III permits inserting aligning wedges within the text to control formatting. (p. 42).

After using T/Maker III for some time, my reaction is that this program accomplishes its job simply and without effort. . . . The commands are easy to follow and I found each function operated without fault. (p. 44).

pp. 40, 42-44, March 1984

SOFTCON SOFTWARE SHOW

Softcon (New Orleans, Louisiana) was the temporary office of the T/Maker staff during the week of February 20th-23rd. T/Maker's booth featured an Apple, a Sharp Commuter Computer, a Hyperion, a Texas Instruments Professional, and a Kaypro II. The Sharp attracted almost as many browsers as our software. The booth buzzed most of the time as dealers, consultants, and some users gave T/Maker III a try. We developed hundreds of contacts from this show. Perhaps our best salespeople were two customers, friends of ours, who offered to help work the booth with us. Our thanks to Bob Payne of BCS and Bob Ackerman of ALS.

After-hours included such treats as cocktail parties where one rubbed elbows with the industry old-timers and new-comers. Buffet tables beckoned with seafood boats carrying a cargo of prawns, oysters in the half shell, and caviar hors d'oeuvres. You might say we got a good taste of New Orleans.

ANNOUNCEMENTS

New Manuals--

New IBM box style manuals for T/Maker III can be purchased by registered users for \$50.00. To obtain a manual, send check or money order for \$50.00 plus a photocopy of your disk with serial #. Also include your name address, and type of machine. The manual is identical in content to the original T/Maker III manual. The only difference is the new style, and correction of all of the typos.



Move to Bundle with Cray--

T/Maker Company has proposed a bundling deal with Cray Computers, the company which produces the most sophisticated super-computer around. The top-of-the-line Cray retails for \$12,000,000.00 but we here at T/Maker are working on a deal where for only \$12,000,275.00 you can purchase T/Maker III and get a Cray computer absolutely free!

So far, calls to Cray have been unsuccessful. We may need to change the clause in the contract that says we only accept C.O.D. orders. So hold off on your orders until further notice.

Guess Who's Running on the IBM PC Jr.?

That's right, T/Maker. T/Maker III is the only integrated software available for the IBM PC Jr. Now there's no reason not to get one.

T/Maker:DataBase Shipping April 9th

If you've ordered but not received your database yet, be assured that it is on the way. In the last T/MUG, the proposed shipping time was March. The DataBase's actual shipping date is April 9, 1984. We are sorry for the delay. Thank you for your patience and support. Look for T/Maker:DataBase applications in the upcoming T/MUGs.

Creating a Monthly Billing System

This article was submitted by David H. Gill, II (California). He has fashioned a billing system designed for the professional office or small business that must send out monthly billing statements to its clients or customers.

The first step involves creating a mask which serves as the basic billing format and which is saved under the name "MASTRBIL" (illustration 1). A bracket is inserted as a marker for locating the name so that the billing would fit into a cellophane-windowed envelope, saving the chore of addressing the billings. The example and calculation lines are also laid out on the mask.

When a billing ledger is started for a new client, after responding to the "WHAT FILE NAME?" inquiry, the instruction "insert mastrbil" is given and the mask is inserted. Then the file is entered to insert the client's name and address, enter the financial data, exit, compute and save. The bill is updated and recomputed monthly, printed and mailed out. Illustration 2 is an example of a (fictitious) finished bill.

Finally, an "index" file is set up, where each client is listed. The index also contains a record of the order in which the files are "chained" to each other, using the .continue command, so that paid billing cards can be deleted and new bills added to the chain without disrupting the continuous printing function of the printer.

Illustration 1



STATEMENT

BERNARD W. SCHULTZ, III
 Attorney at Law
 369 North Manor Street
 Lakehorn, California 95123
 Telephone (415) 555-1212

]

```
=====
      Date      Description      Debit      Credit      Balance
=====
.clean
ex              99,999.99      99,999.99      99,999.99
zv
jcl
uc2              +              -              +=
ac3              pas

+
+
+

.new
.continue
```

Illustration 2

STATEMENT

BERNARD W. SCHULTZ, III
Attorney at Law
369 North Manor Street
Lakehorn, California 95123
Telephone (415) 555-1212

Jonathan R. Doe]
1234 Block St., #2
Lakehorn, CA 95136

Date	Description	Debit	Credit	Balance
8-19-83	Retainer billed	750.00		750.00
8-19-83	Paid on Account		600.00	150.00
9-2-83	Clerk; filing fee	109.00		259.00
9-2-83	Legal process; service	18.00		277.00
10-19-83	Clerk; motion fee	14.00		291.00
10-28-83	Fees, OSC	250.00		541.00
1-10-84	Payment on account		200.00	341.00
1-25-84	Clerk; motion fee	14.00		355.00
1-26-84	Legal Process; service	25.50		380.50

Letters from Users



Following is a letter from a user who needs help not with T/Maker (whew!), but with a SCM Ultrasonic typewriter. Perhaps you have used this machine or have had a similar problem as the one described here. If so, this user would surely appreciate your assistance.

Dear TMUGgers:

Help! Does anybody know how I can underline when I want to print T/Maker text on my SCM Ultrasonic typewriter, which is connected up to my Basis 108 (Apple-like) computer through a Supercord?

I know its not my T/Maker program, since it underlines just fine when I send the text out to my Epson MX 80 printer instead of using the typewriter. And its not just the typewriter's fault, since it used to underline back in the primitive days when I was using Perfect Writer instead of T/Maker.

What happens is that the typewriter does underline, but it executes a carriage return first, so that the underlining occurs on the next line below. (The same happens for boldface, but that's not so big a loss on a typewriter). Please write if you have an answer for me.

Roger Bernhardt
662 9th Ave.
San Francisco, CA 94118

We invite other users to send us letters for problems they are having with T/Maker or other systems. If we are unable to help you, we can still publish your letter in this column. Your letter will reach nearly one thousand T/Maker users across the country and around the world. Chances are good that at least one of our readers will be able to provide a solution for you. Send your questions to T/MUG Letters, c/o T/Maker Company, 2115 Landings Drive, Mountain View, CA 94043.

Call for Independent T/Maker Consultants/Authors/Specialists

We have received many requests for consulting help as well as specific questions on customized systems. For instance, someone may be looking for a manufacturing inventory system that will detail a bill of materials.

We suspect that since T/Maker is a very flexible program, someone somewhere has probably solved every imaginable problem at some time. We would like to help match the people who have questions with the people who have worked out solutions. The T/Maker Independent Consultant Program will hopefully provide a way to accomplish this goal.

Several people are acting as or have expressed an interest in acting as T/Maker Consultants. To encourage this, we have drawn up a set of guidelines and alternative ways T/Maker Company could work with the consultant toward mutual benefit.

To be registered as a consultant and listed in T/MUG, send in a copy of your system complete with explanation and documentation. If it is consistent in quality and degree of completeness with the systems we have previously accepted, we will register you as a consultant.

These are our current registered Consultants:

Dick Danielson, President
Strategic Advisory Consultants, Inc.
P.O. Box 137
Star Prairie, WI 54026
(715) 248-3434

Robert Payne, President
Business Computer Service, Inc.
1210 Smith Street
Charleston, WV 25301
(304) 343-9471

James D. Gilbert
Gilbert's Data-Word Processing
237 Luff Lane
Warminster, PA 18974
(215) 443-9963

Ron Roizen
2011 Francisco Street
Berkeley, CA 94709
(415) 549-0103

When he loads the data into the mask he got:

12.56

What happened to the second piece of data?

Relationship between T/Maker Company and Independent Consultants



Three options are provided for the consultant to choose from:

1.
 - i) You work as an independent T/Maker Consultant as you are currently and have been in the past.
 - ii) You would be listed in T/MUG as a Consultant with a description of the systems you have developed.
 - iii) If we have a copy of your systems on file, we will direct inquiries to you.
2.
 - i) You act as a Value-Added-Distributor. We would sell to you at dealer prices and you would provide your customers complete software systems.
 - ii) In order to become eligible for dealer pricing, we would like to review your T/Maker systems.
 - iii) You are responsible for distributing T/Maker and supporting your customers.
 - iv) You become beta-test centers for new T/Maker modules.
3.
 - i) You create a finished product for resale through T/Maker Company and other channels. You would create the original system files and documentation and be paid a royalty for each copy sold through T/Maker Company.
 - ii) T/Maker Company would take your material, edit and repackage it into a format consistent with our other Application-Packs. T/Maker Company would handle disk duplication, documentation production and shipping administration.
 - iii) You retain ownership of your material and are free to sell it through other channels.
 - iv) Royalty is between 15-40% net of costs depending upon the completeness of the material and the amount of work T/Maker Company must undertake to create a finished product.

T/Maker Made Tough--A Trouble-Shooter's Quiz

So you think you know T/Maker well, eh? So you think you could troubleshoot with the best of 'em, huh? Here are some of the trickiest 'problems' called in over the last few months. See if you can come up with the solutions (answers on last page).

1. The customer was typing along, then suddenly every key touched did not record on the screen, but instead beeped. The only thing he could do was quit the editor and re-enter the editor. Why was this happening?

2. (Imagine trying to diagnose this over the phone!) This spreadsheet doesn't work. When you type COMPUTE, you get the following error message: COMMAND COMPUTE FAILED, BAD SEQUENCE NUMBER. What's wrong with it?

ex	999	999	999
ac1	+	+	=
+	1	2	
+	3	4	
=			

3. This customer had a real problem with his return key. The key worked normally in the middle of the screen, but did not work at the end of the screen to force T/Maker to scroll down. Any solutions?

4. A person had a mask with effectively the lines below:

{a1 } {a2 }

He also had a data file with the two lines below:

a1 = 12.56
a2 = 45.86

When he loads the data into the mask he got:

12.56

What happened to the second piece of data?



ATTENTION: OEM's and System Integrators

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Also coming soon by same author, TERM III and DISCAT: screen-oriented multi-function communications and disk file catalog programs. Both run under standard CP/M and ZCPR3.

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(Echelon also distributes ZCPR3 software for non-commercial use).

ZCPR3 and TERM III are trademarks of Richard L. Conn. DISCAT is a trademark of Echelon, Inc.; CP/M of Digital Research, Z80 of Zilog, Inc.



Echelon, Inc.

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Introduction to T/Maker:DataBase -- Making a Mailing List

by Suzanne Osterlund

(For those users who have kept track of the number of recent mailing list articles that have graced the pages of T/MUG, we promise this will be the last one for a while). Below is a simple data-base for an address log/mailing list. From this humble beginning we could store hundreds of addresses, turn them into mailing labels, sort them by zip code, sort them alphabetically by name, and otherwise do just about anything we want. That's right, we could have our way with them! No longer the victim of sloppy labels or messy files. T/Maker:DataBase takes care of most of the mundane, grunt work with far more patience and precision than people do. But of course we must be willing to do our share, too.

To begin, we would use T/Maker's editor to create a file which looks like this:

```
<form>
Name:      {firstname} {lastname      }
Company:    {company                  }
Street:     {street                   }
Citystate:  {citystate                 }
Zip:        {zip                      }
<end>

<record>
1 {firstname} {lastname      }
2 {company      }
3 {street       }
4 {citystate    }
5 {zip         }
<end>
```

To start, we would create a record definition. This tells T/Maker what data to expect and how it should be stored. Above, these are the lines of data sandwiched in between the "<record>" and "<end>." We enclose the vital information (known as field names) in braces. Likewise with the form definition, which we always put ahead of a record definition. This segment tells T/Maker:DataBase how we'd like the data to be presented on the screen for us to either add to or update via the command UPDATE. The form definition is contained in between the lines "<form>" and "<end>".



When you type UPDATE, a new screen appears that shows the following

Name:
Company:
Street:
Citystate:
Zip:

You are then free to fill in the blanks. When you finish one address, you just type return to get to a new blank record. You can move the cursor quickly from field to field while in the Update mode -- the cursor keystrokes are matched to those of T/Maker's Editor, but perform in a way convenient for database work.

Perhaps your first entry would end up looking like this:

Name: Fred O'Day
Company: Escorts Anonymous
Street: 1234 Wanderlust Way
Citystate: Harvest, CA
Zip: 95123

If you were to edit your file after making a few more entries, you could see the following information below your form and record definitions -- it is the stored form of the data you have inputted:

1 Fred O'Day
2 Escorts Anonymous
3 1234 Wanderlust Way
4 Harvest, CA
5 95123
1 Tom Katz
2 Kool Katz Inc.
3 543 Alley Way
4 Los Gatos, CA
5 95030
1 Dr. James Blonde
2 Eye Spy
3 007 Diamond Ct.
4 Sunnyvale, CA
5 94041

DataBase -- Mailing List, *continued*

To make a mailing label, simply design a label as a record definition. Perhaps you would call this file "label" and save it before filling it, so that you could re-use it whenever you need mailing labels. Here is an example:

```
<record>
{firstname!} {lastname      }
{company      }
{street       }
{citystate!   } {zip       }
.new
<end>
```

By using the select command, you would automatically have labels made. Here's how the first one would look:

```
Fred O'Day
Escorts Anonymous
1234 Wanderlust Way
Harvest, CA 95123
.new
```

The exclamation points in the record definition caused the data to be "squished" together, so no glaring spaces are left between first and last names, etc. The ".new" is a print design command used to move the printer forward after each label is printed.

Watch for more articles in the future on the abilities of the new database commands -- especially used in conjunction with the word processing and spreadsheet functions.

Keeping a Jogging Record



Hey, Sports Fans: The following spreadsheet can be used to keep track of your jogging progress. The key trick in this spreadsheet is breaking minutes and seconds into two separate columns, so they can be used in calculations:

	Date	Distance in miles	Time Min/Sec	Time in sec	Avg time sec/qtr
	-----	-----	-----	-----	-----
ex		999.99	999 99 ,,,	9,999	999.99
uc1=			60		
uc2			+	*	=
uc3			+	+	=
uc4		/		+	=
uc5/					4
	-----	-----	-----	-----	-----
+	02/02/84	1.10	9 48	588	133.64
+	02/04/84	1.50	11 20	680	113.33
+	02/06/84	0.70	5 17	317	113.21
+	02/08/84	1.70	17 14	1,034	152.06
+	02/10/84	1.00	7 30	450	112.50
ex		999.99	, , , ,	9,999	999.99
=	TOTAL	6.00	49 **	3,069	624.74

A spreadsheet such as this one can be used for other sports as well. Ski runs, auto races, competitive swimming-- virtually any activity where speed is an important element can be recorded with this spreadsheet.

Sales Tax Reporting

by Heidi Roizen

Here is an example of how a small business can use T/Maker to do quarterly sales tax reporting. The form used below is that for the state of California, but can be easily adapted for other states. Though it will probably take you as long to set this up in your computer as it would to do it with a pencil and a calculator the first time, the payoff comes in all subsequent quarters, when you can use the spreadsheet over again to take care of the hassle of sales tax reporting in five minutes instead of a couple of hours.

The line numbers on the spreadsheet correspond to the line numbers on the actual government form itself. The extra lines (such as the tax rate lines) were broken out of the numbered lines so they could be more easily used in calculations, and could be more easily changed in the event of tax rate changes.

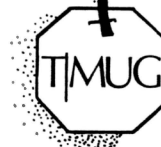
It is especially useful to set up your bank account system in T/Maker (see last issue of T/Mug) so that the numbers needed in lines 1, 2, 4, 5, 6, 7, 8, 9 and 22 are separate 'accounts' and can therefore be tallied to automatically provide the numbers for you.

For example, all checks deposited from retail customers in California could have the tag SRTLCL (Sales, ReTail, California, which should end up matching line 12 in most cases) while all out-of-state retail buyers (line 8) could use SRTLO instead. Wholesale sales to dealers and such (line 4) could have the tag SDLR. Tallying over all five positions would give you separate totals for California buyers, out-of-state buyers, and dealers. Tallying over only the first four positions would give you your total retail sales versus total wholesale sales. Tallying over the first position would give you total sales (line 1).

Those of you who want to get fancy could use LOAD to load the results of the tally directly into the form below. The rest of us will probably type in the 9 numbers ourselves.

S A L E S T A X R E P O R T

FOR THE QUARTER ENDING _____



EX

999,999.99

STATE SALES AND USE TAX

+	1. TOTAL GROSS SALES (INCL TAX).....	88,887.96
	2. TANGIBLE PERSONAL PROPERTY	
	PURCHASED WITHOUT SALES	
+	TAX & NOT RESOLD.....	0.00
=+	3. TOTAL.....	88,887.96
+	4. SALES TO RETAILERS.....	44,071.08
+	5. NONTAXABLE FOOD SALES.....	0.00
+	6. NONTAXABLE LABOR.....	0.00
+	7. SALES TO THE US GOVERNMENT.....	0.00
+	8. SALES TO OUT OF STATE CONSUMERS..	21,761.38
+	9. SALES TAX INCLUDED IN LINE 1.....	1,327.45
+	10. OTHER EXEMPT TRANSACTIONS.....	1,635.50
=-	11. TOTAL EXEMPT TRANSACTIONS.....	68,795.41
	12. AMOUNT ON WHICH SALES TAX	
+=+	APPLIES.....	20,092.55
*	TAX RATE.....	0.05
=+	13. AMOUNT OF TAX	1,004.63

UNIFORM LOCAL SALES AND USE TAX

	14. AMOUNT ON WHICH SALES TAX	
=+	APPLIES.....	20,092.55
-	15. ADJUSTMENTS.....	0.00
	16. AMOUNT ON WHICH LOCAL TAX	
=+	APPLIES.....	20,092.55
*	LOCAL TAX RATE.....	0.01
=+	17. LOCAL TAX DUE.....	200.93

DISTRICT SALES AND USE TAXES

+	18. TAXES FROM SCHEDULE A:.....	7.10
---	---------------------------------	------

TOTAL TAX

+ =	19. TOTAL TAX.....	1,212.65
-	20. DEDUCTIONS FROM LINE 2.....	0.00
=+	21. NET TAX.....	1,212.65
-	22. LESS TAX PREPAYMENTS.....	1,000.00
+=+	23. REMAINING TAX.....	212.65
*	PENALTY RATE.....	0.00
= +	24. PENALTY DUE.....	0.00
	25. INTEREST PAYABLE.....	
=	26. TOTAL AMOUNT DUE AND PAYABLE.....	212.65

SUBSCRIPTION/APPLICATION FORM

T/MAKER USERS GROUP
2115 LANDINGS DRIVE, MOUNTAIN VIEW, CA 94043

Members of the T/Maker Users Group receive a bimonthly newsletter providing examples of other members' experiences with T/Maker in the areas of text editing, financial modeling, personal and business accounting, mathematical and statistical applications, and many other fields of interest. The T/Maker newsletter will also provide answers and solutions to members' technical and nontechnical questions and problems relating to their use of T/Maker.

detach and mail

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NAME: _____

COMPANY: _____

ADDRESS: _____

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Please make check payable to T/Maker Users Group. Cost is \$15.00 per year for US, Canada, and Mexico. Other countries please add \$20 for air mail charges, and please submit an international money order or US bank check drawn in US dollars.

MY HARDWARE AND SOFTWARE CONFIGURATIONS ARE:

COMPUTER: MANUFACTURER _____ MODEL _____ MEMORY _____

TERMINAL: MANUFACTURER _____ MODEL _____

DISK FORMAT: _____

OPERATING SYSTEM: _____ VERSION _____

T/MAKER VERSION: _____

TMUG Index



We at T/Maker Company thank Ed Miller (California) for putting his time and energy into making this T/MUG Index a reality. The index covers all the volumes to date that you see below. It will be updated periodically and included with every set of back issues ordered.

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* Renumbering occurred at these points. There was no publication of the September '82 issue, nor the January '83 issue.

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T/MUG BACK ISSUES

T/MUG back issues provide valuable information for those users who are just getting to know T/Maker and for seasoned users as well. The set of back issues is like a mini applications booklet in that it offers methods for performing relatively simple work such as setting up a checking account system, to more complicated tasks such as analyzing business performance. One of the most attractive features of the various applications found in the back issues is the versatility that they allow the user. Once the user becomes familiar with a particular method, he can customize it to fit his own individual needs. Below are some of the highlights offered in the set.

- * 1040 Federal Tax Form * Checking Account System * Appointment Calendar
- * Analyzing Business Performance * Invoicing System * Opening an IRA
- * Analyzing Survey Data

T/MUG back issues are now available for \$20.00 for shipment to the U.S., Canada, and Mexico. Other countries please add \$15.00 for air mail charges, and submit an international money order or U.S. bank check drawn in U.S. dollars. Make check out to T/Maker Company at 2115 Landings Drive, Mountain View, CA 94043.

----- *clip here* -----

Yes, I want to receive the entire set of back issues. Enclosed is my check

/ / \$20.00

/ / \$35.00

Please rush the set to my address below:

Name _____

Company _____

Address _____

City _____ *State* _____ *Zip* _____

NOTES

ANSWERS TO T/MAKER MADE TOUGH



1. He had inadvertently hit the begin-macro key. As he typed, T/Maker was filling its macro buffer with every keystroke. Finally, it reached the full point and wouldn't allow him to type further. Instead of quitting and re-entering the editor, he could have just ended the macro.

2. This user was using the lower-case letter "L" instead of the number 1 in acl.

3. This person had a Sanyo terminal, which has the odd feature of having 25 lines on the screen instead of the standard 24. So when T/Maker sends out a line feed on the 24th line, it doesn't cause the screen to scroll. It does however cause it to move to the 25th line. But then, T/Maker uses its cursor addressing to put the cursor on what T/Maker thinks is the last line -- namely the 24th line. Luckily, in T/Modify, you can set the number of rows and columns on your screen, so the solution was very simply accomplished.

4. What you see is not always what you have. The first line in the data file was actually-

a1 = 12.56 x (where x was a high-bit space)

Following the conventions of Load, the name associated with the value "x" was one more than the previous name. Thus, the high-bit space was the value for "a2". When the same name is used more than once in a data file, the first value for it is used by Load.

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