TI-99/4A: 24 Basic Programs

Congratulations on your decision to use these pre-recorded, fully debugged programs on your TI-99/4A!

This high-quality cassette is ready to run without any modification, and contains every program you see in the book. With it, you'll be able to enjoy many additional hours running and modifying programs instead of spending that time manually keying-in each program from the book and looking for any typing errors afterward.

This tape has been recorded on two sides. Side 1 is a listing of the the programs exactly as they appear in the book. Many of the programs could contain additional entries to improve operation and provide additional features. If your interest is in programming, use this side of the tape. Then make your own additions and changes to the basic program so you can see just what happens when these changes are made. Side 2 is an "enhanced" version of the programs. This version contains additions to the basic programs to provide more error checking and easier operation for those users whose primary interest is not in programming. However, for the programmer, this side will also provide a handy learning tool. By comparing the two sides of the tape, you can see the enhancements made to provide for good programming practices and incorporate similar procedures in you own programs.

HOW TO LOAD THESE CASSETTE PROGRAMS INTO YOUR TI-99/4A

This tape will load according to the OLD instructions in your **TI-99/4A User's Reference Guide** (the one that came with your computer) and on pages 12 through 16 in the book. Briefly, here's what to do:

1. Connect and power up your TI-99/4A, a TV screen, and cassette recorder(s). Set the tape counter on CS1 to zero and insert the cassette. With your TI-99/4A in Command Mode, type **OLD CS1** and press ENTER.

2. Your screen will show a series of instructions, the first of which tells you to rewind the cassette. Instead of rewinding, proceed to the next step on this sheet.

3. Suppose the name of the program you want to load is **Loan,** which should be ready to load when 168 appears on the tape counter. Using the "Fast Forward" control on Recorder CS1, run the tape ahead until the counter indicates 168. Stop the tape. Press ENTER.

4. Now proceed with the next screen instruction, which is PRESS CASSETTE PLAY. Depress the "Play" button on the recorder. Then press ENTER on the computer.

5. Your screen will display READING as the program **Loan** is loaded and checked. On completion, you'll see DATA OK, followed by PRESS CASSETTE STOP . . . THEN PRESS ENTER. Depress the "Stop" button on the recorder. Then press ENTER on the computer. Your program is now loaded into memory, ready for running.

FINDING PROGRAMS ON THE TAPE

The counter numbers will vary from recorder to recorder. For your convenience, the program locations on a given recorder for Side 1 are given below. If you find your numbers agree, use these numbers when loading in programs. In the event your counter gives a different reading, the list can still be used to give the order of the programs and, through interpretation of your numbers, can help in finding the approximate location. Be sure to note any differences for your future reference.

PROGRAMS ON SIDE 1, WITH LOCATIONS

Program	Count
Bagels	.002
Blackjack	.010
Extraterrestrial Typing	.032
Planet Fall	.054
Space War 7	.077
Tic-Tac-Toe	.104
Wumpus	.123
Checkbook	.145
Future Value	.158
Loan	.168
Mortgage	.181
Present Value	.201
Auto Maintenance	.212
Floor Covering	.242
Recipe Converter	.264
Wallpaper/Paint	.289
Yarn Estimator	.306
Address Book	.325
CardList	.356
Trip Planner	.379
Character Editor	.415
General Conversion	.440
DEC/HEX/BIN Conversion	.488
Outliner	.510

The programs in the ENHANCED VERSION of the tape (Side 2) are listed in the same sequence as above, but they will not be at the same tape location. (See the screen menu for approximate locations.)

MORE SAMS TI-99/4A BOOKS YOU CAN ENJOY

ENTERTAINMENT GAMES IN TI BASIC AND EXTENDED BASIC

Twenty original game programs for the TI-99/4A computer, 9 of which are in standard TI BASIC with the remainder in Extended BASIC. By Khoa Ton and Quyen Ton.

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THE TI-99/4A USER'S GUIDE

A badly needed guide that covers everything from system setup to expansion options, including languages, software, and peripherals. By Carol Ann Casciato and Donald J. Horsfall. 224 pages, 5½ x 8½, soft. ©1983.
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TI-99/4A: 51 FUN AND EDUCATIONAL PROGRAMS

A collection of 51 BASIC programs for the TI-99/4A. Begin with easy, short programs and progress to long, more complex ones. Ideal for first-time computers users of any age. By Gil M. Schechter.

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