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I put a lot of time into producing these files which is why you are met with this page when you open the file.

In order to generate this file, I need to scan the pages, split the double pages and remove any edge marks such as punch holes, clean up the pages, set the relevant pages to be all the same size and alignment. I then run Omnipage (OCR) to generate the searchable text and then generate the pdf file.

Hopefully after all that, I end up with a presentable file. If you find missing pages, pages in the wrong order, anything else wrong with the file or simply want to make a comment, please drop me a line (see above).

It is my hope that you find the file of use to you personally – I know that I would have liked to have found some of these files years ago – they would have saved me a lot of time !

Colin Hinson
In the village of Blunham, Bedfordshire.

Cassette Software

Model PHT 6019

Teach Yourself Extended BASIC

Let your Home Computer give you step-by-step
instructions for programming in TI Extended
BASIC. Seven on-screen lessons give you simple,
hands-on experience in positioning input and
output on the screen, handling errors, and using
sprites, commands, and subprograms.

Requires the use of a cassette tape recorder (not included)
for loading the program contents into the TI-99/4 Home
Computer memory and the TI Extended BASIC Solid State
Software™ Command Module.

TEACH YOURSELF EXTENDED BASIC   Table of Contents

                                    Texas Instruments

Author: Texas Instruments

Language: TI-99/4 Extended BASIC

Hardware: TI-99/4 Home Computer
           Disk Controller and Drive or Cassette Tape Recorder
           TI Extended BASIC Solid State Software^TM Command
               Module

Media: Diskette or Cassette

Teach Yourself Extended BASIC is a computer-assisted instruction
course designed to help you learn the Extended BASIC programming
language. Teach Yourself Extended BASIC uses the TI-99/4 Home
Computer and the TI Extended BASIC Solid State Software^TM
Command Module to guide you through the features of Extended
BASIC and to allow you to experiment with these features as you
learn about them. After you have completed the seven programs
or chapter in this interactive course, you will be able to write
Extended BASIC programs for the TI-99/4 Home Computer with
greater confidence.

A program which demonstrates some of the features of Extended
BASIC is included in the diskette version of Teach Yourself
Extended BASIC. To use this program, insert the TI Extended
BASIC Command Module into your TI-99/4 Home Computer. Press any
key to display the master selection list. Press 3 to select
Extended BASIC. Insert your diskette in the disk drive, type

                OLD DSK1.XBASICDEMO

and press ENTER. When the cursor reappears, type RUN and press
ENTER.

The Teach Yourself Extended BASIC self-instruction course is
organized into seven chapters. Each chapter is presented in a
different program. The contents of each program are listed
below.

PROGRAM	SUBJECT	COMMANDS DESCRIBED
CHAPTER1	COMMANDS AND EDITING	MULTI-STATEMENT LINES, TAIL REMARKS, SHIFT R (REDO), SIZE, RUN, SAVE, MERGE, LIST
CHAPTER2	NEW FUNCTIONS AND SUBPROGRAMS	MAX, MIN, RPT, CALL CHAR, CALL CHARSET, CALL CHARPAT, CALL INIT, CALL LOAD, CALL LINK, CALL PEEK
CHAPTER3	INPUT AND OUTPUT	ACCEPT, DISPLAY, DISPLAY USING, PRINT USING, LINPUT
CHAPTER4	SUBPROGRAMS	CALL, SUB
CHAPTER5	SPRITES--PART I	CALL COLOR, CALL LOCATE, CALL MOTION, CALL PATTERN, CALL SPRITE
CHAPTER6	SPRITES--PART II	CALL COINC, CALL DELSPRITE, CALL DISTANCE, CALL MAGNIFY, CALL POSITION
CHAPTER7	EXCEPTION HANDLING	ON BREAK, ON ERROR, ON WARNING, CALL ERR, RETURN

STEP 1:   If the computer is not already in the
          Extended BASIC mode, insert an Extended
          BASIC Command Module into the computer.
          Next press any key to make the master
          selection list appear. Then press 3 to
          select TI Extended BASIC.

          To load the first lesson from a diskette,
          insert the diskette into the disk drive, type

                    OLD DSK1.CHAPTER1

          and press ENTER. (To load another lesson,
          enter OLD DSK1.CHAPTER, followed immediately
          by the number of the chapter you wish to
          study.)

          To load the program from a cassette tape,
          refer to the "Loading Cassettes" section in
          this manual for instructions on determining
          the program's position on the cassette
          tape.   Then insert the cassette into the
          recorder, type

                    OLD CS1

          and press ENTER. The computer then displays
          directions for loading the tape. Refer to
          "Loading Cassettes" if you have difficulty
          in loading the program from the cassette.

STEP 2:   When the cursor reappears, type RUN, and
          press ENTER.

          NOTE: The Teach Yourself Extended BASIC
          package pauses while information is
          displayed on the screen. If you wish to
          review some section of a chapter, load the
          chapter again and press ENTER to skip over
          material you don't wish to reexamine.

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TEACH YOURSELF EXTENDED BASIC   Loading Cassettes

Copies of all programs listed on the cassette tape label are
located on both sides of the tape. If for any reason you
experience trouble loading or accidentally erase a program,
another copy is available on the other side of the tape.

To attach and operate your cassette recorder, refer to the
User's Reference Guide. Follow the instructions carefully, and
the programs should load easily.

However, if your computer does not respond when you press ENTER
while loading the package, your cassette recorder's drive motor
may not be compatible with the Home Computer's circuitry.
Although the computer may not be able to operate the cassette
automatically, you may be able to operate your cassette
manually. Connect the red and white plugs to the cassette unit
as described in the User's Reference Guide, but do not connect
the black plug. Follow the procedure for loading data as
described. When the message "PRESS CASSETTE PLAY" is displayed,
press the ENTER key immediately after pressing the cassette's
PLAY keys. If the data is loaded successfully, you may continue
to operate the cassette manually.

To locate the position of programs on a cassette, listen to the
tape and note the counter setting when programs begin. Follow
these steps to determine the exact location of all programs:

    STEP 1: Rewind your tape and reset the counter to
             zero.

    STEP 2: Disconnect the computer-to-cassette cable
             from the cassette player. You now will be
             able to hear what is on the tape as it plays.

    STEP 3: Press PLAY.

    STEP 4: The programs on Teach Yourself Extended
             BASIC are listed on the cassette tape in the
             following order:

                    CHAPTER 1
                    CHAPTER 2
                    CHAPTER 3
                    CHAPTER 4
                    CHAPTER 5
                    CHAPTER 6
                    CHAPTER 7

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A blank section of tape precedes each
program. When you hear program data, note
the position of the counter beside the
program name above. You may wish to
subtract 1 or 2 from the counter reading to
ensure that, when you load the program, the
beginning of your program loads properly.

STEP 5: Use these counter settings in the future to
quickly load cassette tape programs.

NOTE: This process can be speeded by
alternating between PLAY and FAST FORWARD as
you listen.

1. Be sure that the diskette or cassette you are using is the correct one. For a diskette, use the Catalog command on your Disk Manager Command Module to check for the correct program; for a cassette tape, check the label.

2. If your computer does not respond to the RUN command, be sure to select TI Extended BASIC and load the program before you try to use it.

3. Ensure that your cassette recorder or disk system is properly connected and turned on. Be certain that you have turned on all peripheral devices before you turn on the computer.

4. If your program does not appear to be working correctly, press SHIFT C (CLEAR) and remove the diskette from the disk drive or the cassette from the recorder. Reinsert the diskette or the cassette, and follow the "User Instructions" carefully. If the program still does not appear to be working properly, remove the cassette or the diskette from the computer, turn the computer off, wait several seconds, and turn it on again. Then load the program again.

5. If you are having difficulty in operating your Home Computer or are receiving error messages, refer to the "Maintenance and Service Information" and "Error Messages" appendices in your User's Reference Guide for additional help.

6. If you continue to have difficulty with your Texas Instruments computer or the Teach Yourself Extended BASIC package, please contact the dealer from whom you purchased the unit or package for service directions.

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TEXAS INSTRUMENTS