Product Specification



Z80 BASIC

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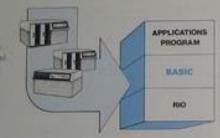
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# BASIC INTERPRETER



Reference Manual

June 1979

24/03/2022 01:43

Command	Description	Reference	-
RENUMBER	Renumbers any group of statements in the current program, optionally from a new first line number with a specified increment. By default, renumbering starts at 10 with increments of 10.	4.2.4	_
RUN	Executes the current program.	4.1.1, 4.1.3	
RSAV	Stores a copy of the current program in a file that already exists.	4.3.3	
SAV	Stores a copy of the current program on the user's disk in compiled form.	4.3.2	
STEP	Resumes execution, completes an outer level statement (not part of a function) and then stops. Can be used to step through a program one line at a time.	4.1.3	
SIZE	Gives status of: space available (bytes); program size (bytes); variable storage size (bytes); number of 512 byte reserved blocks.	4.2.5	6
XEQ	Gets and runs the specified program.	4.1.2, 4.3.5	

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ATN(x

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COS(x

EOF (x

ERR

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# SUMMARY COMMANDS OF ZILOG BASIC

Each command is listed by name in alphabetical order followed by a brief description and reference to the section or sections containing a complete description of the command. All commands may be abbreviated by their first three letters.

Command	Description	Reference
APPEND	Appends a specified program (which must be in ASCII form) to the current program.	4.3.6
ASAVE	Stores a copy of the current program on the user's disk in ASCII form.	4.3.1
CLEAR	Deallocates all variable space, closes files and resets function and subroutine calls. Prees space to save a program if there is not enough available.	4.2.6
CONTINUE	Resumes program execution after an interruption by ESCape or a STOP statement.	4.1.3
DELETE	Deletes one or a range of more than one statement from current program.	4.2.3
GET	Gets the specified Zilog BASIC program from the user's library, replacing the current program.	4.3.4
LIST	Lists all or part of the current program at the terminal.	4.2.1
NEW	Deletes entire current program.	4.2.2
QUIT	Terminates the current Zilog BASIC session.	4.1.4

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## 1.9 Running A program

After the program is entered and, if desired, checked with LIST, it can be executed with the RUN command. RUN will be illustrated with two sample programs.

The first program has one line

>100 PRINT "5 \* 10 =";5\*10

When run, the result of the expression 5\*10 is printed: >RUN 5 \* 10 = 50

READY

Because the program contains a PRINT statement, the result is printed when the program is run.

The second sample program adds two numbers. The numbers must be input by the user:

>10 INPUT A,B >20 LET C=A+B >30 PRINT

>40 PRINT A;" +";B;" =";C

The two letters following the word INPUT, and separated by a comma, name variables that will contain a value input by the user from the terminal. When the program is run, the interpreter signals that input is expected by printing a question mark. The user enters the values following the question mark. They are entered with a comma between each successive value.

The statement LET C=A+B assigns the value of the expression to the right of the equal sign to the variable C on the left of the equal sign. The expression adds the values of variables A and B together. The result is the value of C.

When the program is run, the user enters input values and the computer prints the result:

>RUN ?1078,5.3 1078 + 5.3 = 1083.3

READY

