

Description: This is a multi-line version of IF THEN ELSE. If ELSE is used and the condition is true, the statements between DO and ELSE are executed and those between ELSE and ENDIF are skipped. If the condition is false, the statements between ELSE and ENDIF are executed and those between DO and ELSE are skipped. If ELSE is not used, the statements between DO and ENDIF are executed if the condition is true, and skipped if the condition is false. You may use as many lines as necessary between DO and ELSE and between ELSE and ENDIF. Also you may nest IF DO ELSE ENDIF.

#### IF THEN ELSE

Type: BASIC command

Formats: IF condition THEN statement(s) ELSE statement(s)

IF condition THEN linenumber ELSE statement(s)

IF condition THEN statement(s) ELSE linenumber

IF condition THEN linenumber ELSE linenumber

(Note that ELSE is optional in all cases.)

Description: If the condition is true, the statements after ELSE are skipped and those after THEN executed. If the condition is false, the statements after THEN are skipped and those after ELSE are executed.

#### INPUT

Type: BASIC command

Formats: INPUT variablename

INPUT "message"variablename,...,variablename

Description: Allows data to be entered from the keyboard and assigned to a variable. For the first option a question mark is printed. If the second option is used, the message is printed with no question mark unless there is one in the message. (See Ch. 3)

#### INPUTLINE

Type: BASIC command

Formats: INPUTLINE stringvariable

INPUTLINE "message"stringvariable

Description: Inputs a line of string data from the keyboard. The final carriage return will not be a part of the string. The advantage of this command over INPUT is that strings with commas can be input. In the INPUT command, a comma means the end of the string. In the first option, a question mark is printed. In the second option, the message is printed without a question mark, unless one is included in the message. See Chapter 3.