

```

10 INPUT "NUMBER TO SQUARE" A
RUN
NUMBER TO SQUARE? 15
225
NUMBER TO SQUARE? 3
9
NUMBER TO SQUARE? ^C
BREAK AT LINE 10
OK

```

You can also INPUT more than one variable:

```
10 INPUT A,B,C
```

will wait for three values separated by a comma. The following program PRINTs the sum of the values typed in.

```

NEW
OK
10 INPUT A,B,C
20 PRINT A+B+C
30 GOTO 10
RUN
? 1,2,3
6
? 59,129,-20
168
? ^C
BREAK AT LINE 10
OK

```

If you make a mistake entering data, XYBASIC will say REDO and reprompt you with another ?. If you enter too much data, XYBASIC will say EXCESS IGNORED and disregard the extra values. INPUT is legal only in program mode; an ID (Illegal Direct) error will occur if you use it in direct mode.

In Extended XYBASIC you can also use INPUT to get strings and assign them to string variables. The strings you type may be either quoted or unquoted, and may contain both upper and lower case characters. More information on strings is given in Section 4.

In CP/M versions of XYBASIC with sequential disk operations, INPUT is also used to read information from disk data files. More information about this use of INPUT is given in Section 15.

REM and '

The REM command and special character ' allow you to explain your program with comments. REMarks allow you to note what a program is doing, but have no meaning to XYBASIC. When BASIC encounters a REM it ignores everything to the right of it on the same line. For example: