NAME
PROMPT − Prompt for input from the keyboard.

SYNOPSIS
CALL PROMPT(MSG,LM)

MSG(LM)   is the CHARACTER*1 prompt string
LM   is the INTEGER*4 length of MSG

DESCRIPTION
If LM<1, the routine returns immediately. Otherwise it writes on unit 0 (standard error) as much of MSG as will fit in an 80-character line, and leaves the typing cursor at the end of the prompt waiting for the user's input. The quantity prompted for, and entered by the user on the same line as the prompt, can be read with a Fortran READ statement.

SEE ALSO
If the response is to be yes or no, the routine QUERY should be used instead.

LINKAGE
gfortran   source.f   −L${HOME}/lib   −lmisc

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EXAMPLE
```
      2 CALL PROMPT('value =',7)
        READ(5,*,END=1) N
        WRITE(6,901) N
    901 FORMAT(I10)
        GO TO 2
      1 WRITE(6,*)
        STOP
        END
```

This example produced the following output. In response to the first prompt the user enters an integer on the same line as the prompt. The program reads the value into N, writes N, and branches to statement 2. In response to the second prompt the user sends end-of-file, which causes a branch to statement 1. The program then writes a null line and stops.

```
unix[1] a.out
value = 37
        37
value = ^D
unix[2]
```