NAME
>   QUERY − Ask a yes or no question and return the corresponding logical value.

SYNOPSIS
>   **ANSWER=QUERY(STRING,LS)**
>
>   ANSWER   is the LOGICAL*4 value returned; T => "yes"
>   STRING(LS)   is the CHARACTER*1 question to ask
>   LS   is the INTEGER*4 number of characters in STRING

DESCRIPTION
>   The routine uses PROMPT to write the question on standard error, then reads the response from standard in. Leading blanks are removed from the response and it is translated to upper case. The resulting string is compared to a table of recognized responses. The recognized affirmative responses are Y, YE, YES, OK, and T; the recognized negative responses are N, NO, and F. If the response is recognized, the appropriate logical value is returned; otherwise, the question is repeated.

DIAGNOSTICS
>   If an end-of-file (^D) is sent in response to the question, the routine writes the message 'EOF' and stops the program.

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

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EXAMPLE

```
      LOGICAL*4 QUERY,ANSWER
      ANSWER=QUERY('What is the answer?',19)
      WRITE(6,901) ANSWER
  901 FORMAT('The answer is ',L4)
      STOP
      END
```

This example produced the following exchange:

```
unix[1] a.out
What is the answer? Maybe
What?  Please answer yes or no.
What is the answer? Yes
The answer is    T
unix[2]
```