The Easiest Problem

Input file:	standard input
Output file:	standard output
Time limit:	1 second
Memory limit:	512 megabytes

During class, the teacher often says "Scan the QR code to sign in now."

Now, Gew wants to ask you how many **lowercase** English letters there are in this sentence.

Input

The input contains only one line, containing the sentence "Scan the QR code to sign in now."

Output

Output an integer, denoting the answer to the question.

Example

standard input	standard output
Scan the QR code to sign in now.	-1

Note

The output of the example is not correct. It's you who need to figure out the answer, and get a correct verdict.