Alice wrote a sequence of words in [CamelCase](https://en.wikipedia.org/wiki/CamelCase) as a string of letters, , having the following properties:

* It is a concatenation of one or more *words* consisting of English letters.
* All letters in the first word are *lowercase*.
* For each of the subsequent words, the first letter is *uppercase* and rest of the letters are *lowercase*.

Given , print the number of words in  on a new line.

For example, . There are  words in the string.

**Function Description**

Complete the *camelcase* function in the editor below. It must return the integer number of words in the input string.

camelcase has the following parameter(s):

* *s*: the string to analyze

**Input Format**

A single line containing string .

**Constraints**

**Output Format**

Print the number of words in string .

**Sample Input**

saveChangesInTheEditor

**Sample Output**

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**Explanation**

String  contains five words:

1. save
2. Changes
3. In
4. The
5. Editor

Thus, we print  on a new line.