

Alice wrote a sequence of words in **CamelCase** as a string of letters,  $s$ , 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  $s$ , print the number of words in  $s$  on a new line.

## Input Format

A single line containing string  $s$ .

## Constraints

- $1 \leq |s| \leq 10^5$

## Output Format

Print the number of words in string  $s$ .

## Sample Input

```
saveChangesInTheEditor
```

## Sample Output

```
5
```

## Explanation

String  $s$  contains five words:

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

Thus, we print **5** on a new line.

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