CamelCase Code

There is 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, determine the number of words in s.

Example

$s = oneTwoThree$

There are 3 words in the string: 'one', 'Two', 'Three'.

Function Description

Complete the camelcase function in the editor below.

camelcase has the following parameter(s):

- string s: the string to analyze

Returns

- int: the number of words in s

Input Format

A single line containing string s.

Constraints

- $1 \leq \text{length of } s \leq 10^5$

Sample Input

```
saveChangesInTheEditor
```

Line: 25 Col: 20

↥ Upload Code as File   ☐ Test against custom input   **Run Code**   **Submit Code**

Congratulations
You solved this challenge. Would you like to challenge your friends? [f] [t] [in]   **Next Challenge**

⊘ **Test case 0**

⊘ Test case 1 🔒

⊘ Test case 2 🔒

⊘ Test case 3 🔒

⊘ Test case 4 🔒

⊘ Test case 5 🔒

⊘ Test case 6 🔒

Compiler Message

Success

Input (stdin)   Download

```
1  saveChangesInTheEditor
```

Expected Output   Download

```
1  5
```
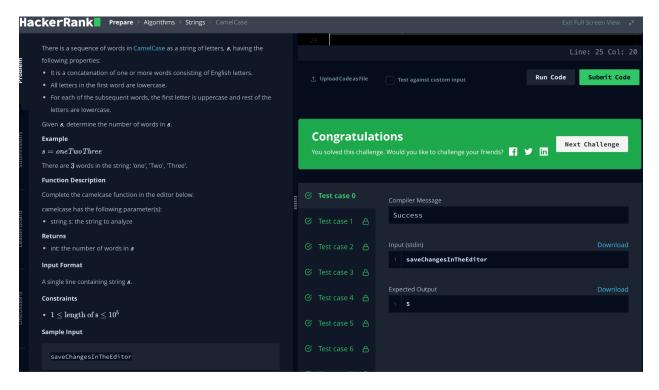
Since it iterates through a for loop for the String s, the time complexity for it will be O(n), since it depends on the length of String s as an input, and the length is n amount.

The Space complexity of the code will be O(1), constant since it does not depend on the length of the input string, the counter relies on a constant amount of space.