

## 058 Length of Last Word

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### Question:

Given a string *s* consists of upper/lower-case alphabets and empty space characters ' ', return the length of last word in the string.

If the last word does not exist, return 0.

**Note:** A word is defined as a character sequence consists of non-space characters only.

**Example:**

**Input:** "Hello World"

**Output:** 5

来自 <<https://leetcode.com/problems/length-of-last-word/description/>>

给定一个字符串，包含大小写字母、空格 ' '，请返回其最后一个单词的长度。

如果不存在最后一个单词，请返回 0 。

**注意事项：**一个单词的界定是，由字母组成，但不包含任何的空格。

**案例:**

**输入:** "Hello World"

**输出:** 5

### Solution for Python3:

```
1 class Solution:
2     def lengthOfLastWord(self, s):
3         """
4         :type s: str
5         :rtype: int
6         """
7         return len(s.strip().split(' ')[-1])
```

### Solution for C++:

```
1 class Solution {
2 public:
3     int lengthOfLastWord(string s) {
4         if (s.empty()) {
5             return 0;
6         }
7         istream in(s);
8         int len = 0;
9         string str;
10        while (in >> str) {
11            len = str.length();
12        }
13        return len;
14    }
15 };
```

### Appendix:

**Python: strip(): 删除字符串前后空格**

**Python: split(' '): 以空格分割字符串得到分割后的子字符串列表**