Points: 0.00 Rank: 190948

Capitalize! 🔖

by DOSHI

Problem	Submissions	Leaderboard	Discussions	Editorial

You are given a string S. Your task is to capitalize each word of S.

Submissions: 15160
Max Score: 20
Difficulty: Easy

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Input Format

A single line of input containing the string, S.

Constraints

- $0 < len(S) < 1000$

- The string consists of alphanumeric characters and spaces.

Note: in a word only the first character is capitalized. Example 12abc when capitalized remains 12abc.

Output Format

Print the capitalized string, S.

Sample Input

```
hello world
```

Sample Output

```
Hello World
```

Current Buffer (saved locally, editable)

Python 2

```python
1   '''
2   https://www.hackerrank.com/challenges/capitalize
3   '''
4   def whitespace(c):
5       if c == ' ' or c == '\t' or c == '\n':
6           return True
7       return False
8
9   def capitalize(string):
10      # attempt 1 - fails, because \t and \n are not handled
11      # split string in tokens. call capitalize on all. join list back into string
12      #tokens = string.split()
13      #tokens = [str.capitalize(x) for x in tokens]
14      #buffer = ' '.join(tokens)
15
16      # attempt 2 - 1st try failed to set 1st character to upper(). add a chec
17      # brute-force. walk entire string, look for whitespace(' ', '\t', '\n') and
18      # call upper() on next alphabet character
19
20      buffer = ''
```

```
21        flag_upper = False
22        flag_start = True
23        for s in string:
24            if whitespace(s):
25                # find whitespace
26                flag_upper = True
27            elif flag_upper:
28                # try to set letter to upper case after whitespace
29                s = s.upper()
30                flag_upper = False
31            elif flag_start == True:
32                # try to set first letter of string to uppercase
33                s = s.upper()
34                flag_start = False
35            buffer = buffer + s
36        return buffer
37
38
```

```
40 if __name__ == '__main__':
41        string = raw_input()
42        capitalized_string = capitalize(string)
43        print capitalized_string
```

Line: 21 Col: 23

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

Congrats, you solved this challenge!

✔ Test Case #0   ✔ Test Case #1   ✔ Test Case #2

✔ Test Case #3   ✔ Test Case #4   ✔ Test Case #5

Next Challenge

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