Find a string ★

✕

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In this challenge, the user enters a string and a substring. You have to print the number of times that the substring occurs in the given string. String traversal will take place from left to right, not from right to left.

NOTE: String letters are case-sensitive.

Input Format

The first line of input contains the original string. The next line contains the substring.

Constraints

$1 \leq len(string) \leq 200$

Each character in the string is an ascii character.

Output Format

Output the integer number indicating the total number of occurrences of the substring in the original string.

Sample Input

```
ABCDCDC
CDC
```

Sample Output

```
2
```

Concept

Some string processing examples, such as these, might be useful.

There are a couple of new concepts:

In Python, the length of a string is found by the function `len(s)`, where *s* is the string.

To traverse through the length of a string, use a for loop:

```
for i in range(0, len(s)):
    print (s[i])
```

A range function is used to loop over some length:

```
range (0, 5)
```

Here, the range loops over 0 to 4. 5 is excluded.

Change Theme   Python 3

```python
1   def count_substring(string, sub_string):
2       counter = 0
3       len_sub_string = len(sub_string)
4
5       for i in range(len(string)):
6           if string[i:i + len_sub_string] == sub_string:
7               counter += 1
8
9       return counter
10
11  if __name__ == '__main__':
12      string = input().strip()
13      sub_string = input().strip()
14
15      count = count_substring(string, sub_string)
16      print(count)
```

Line: 16 Col: 17

↑ Upload Code as File   ☐ Test against custom input

Run Code   Submit Code

You have earned 10.00 points!
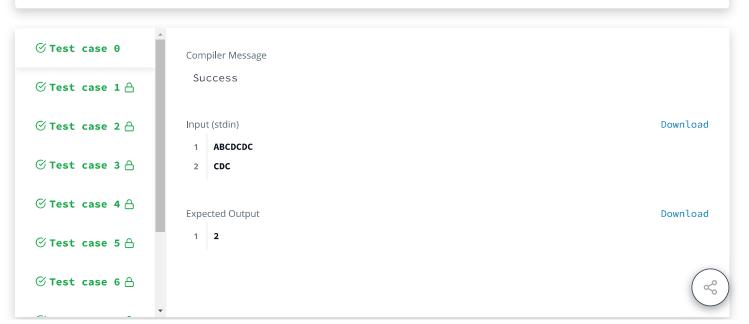You are now 35 points away from the 4th star for your python badge.

68%   185/220

Python
★★★

Congratulations

You solved this challenge. Would you like to challenge your friends?

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   **ABCDCDC**

    2   **CDC**

Expected Output   Download

    1   **2**