



Find a string



by harsh_beria93

Problem

Submissions

Leaderboard

Discussions

Editorial

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

$$1 \leq \text{len}(\text{string}) \leq 200$$

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

```
ABCD CDC
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.

Submissions: 13420

Max Score: 10

Difficulty: Easy

Rate This Challenge:

[More](#)Current Buffer (saved locally, editable)  Python 2 

```
1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2
3 S = raw_input()
4 sub = raw_input()
5
6 ans =0
7 for i in range(0, len(S)-len(sub)+1):
8     if S[i:i+len(sub)] == sub:
9         ans += 1
10 print ans
```

Line: 10 Col: 10

 [Upload Code as File](#)

Test against custom input

[Run Code](#)[Submit Code](#)

Congrats, you solved this challenge!



✓ Test Case #0

✓ Test Case #3

✓ Test Case #6

✓ Test Case #9

✓ Test Case #1

✓ Test Case #4

✓ Test Case #7

✓ Test Case #2

✓ Test Case #5

✓ Test Case #8

[Next Challenge](#)

Copyright © 2016 HackerRank. All Rights Reserved

Join us on IRC at [#hackerrank](#) on freenode for hugs or bugs.[Contest Calendar](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)