

Find a string

Problem

Submissions

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

Solved: 716
Attempted: 722

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.





Contest ends in 1 day 6 hours 59 minutes 4 seconds

Submissions: 665

Max Score: 50

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```
1 def count_substring(string, sub_string):
2     count = start = 0
3     while True:
4         start = string.find(sub_string, start) + 1
5         if start > 0:
6             count +=1
7         else:
8             return count
9
10 if __name__ == '__main__':
11     string = input().strip()
12     sub_string = input().strip()
13
14     count = count_substring(string, sub_string)
15     print(count)
16
18 if __name__ == '__main__':
```

Line: 16 Col: 1

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Run Code

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