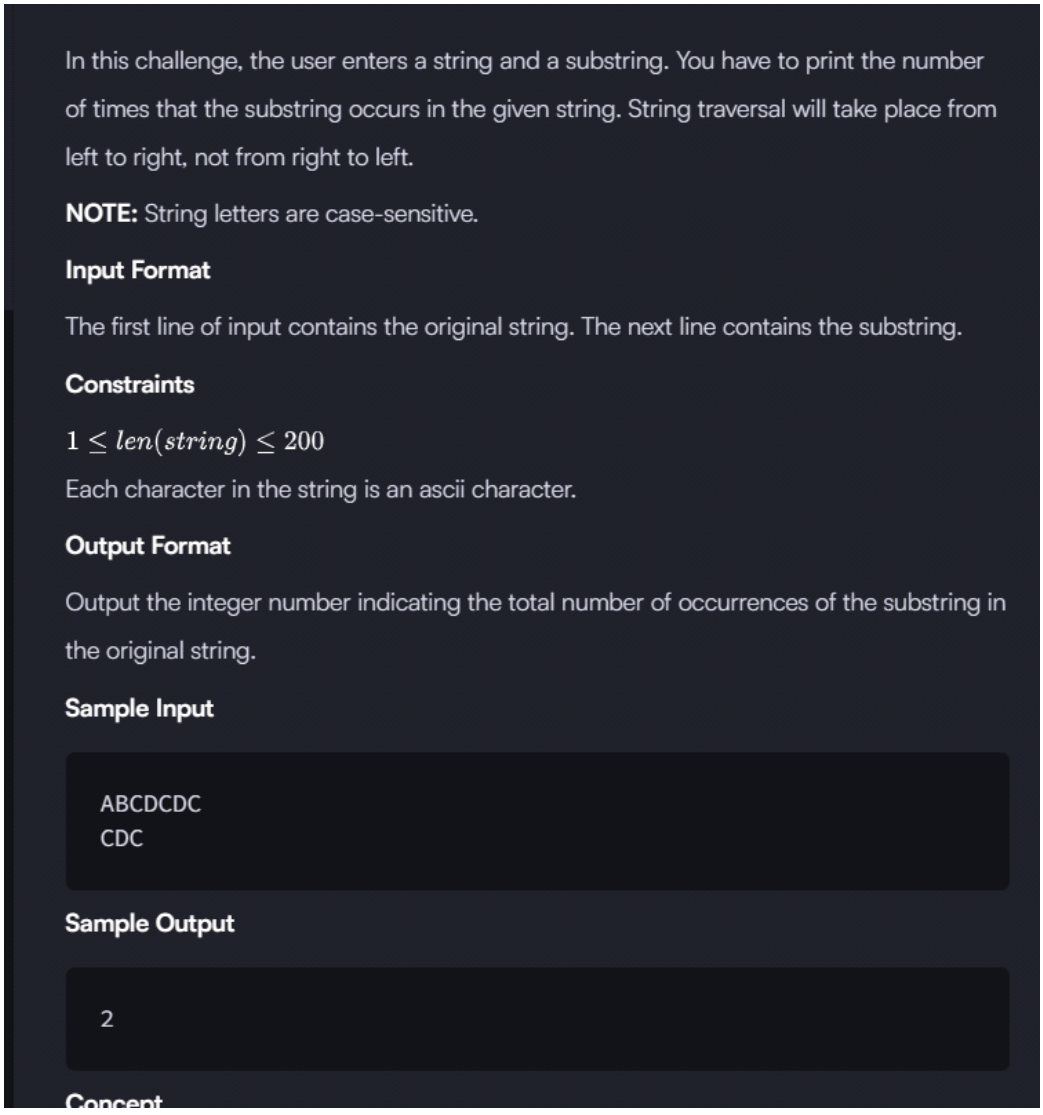
1. # Find a string

11 January 2025 12:30 AM

```
count_string = 0
for i in range(0,len(main_string)):
    if sub_string in main_string[0:i]:
        count_string += 1
        print(sub_string)
print(count_string)
```



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.

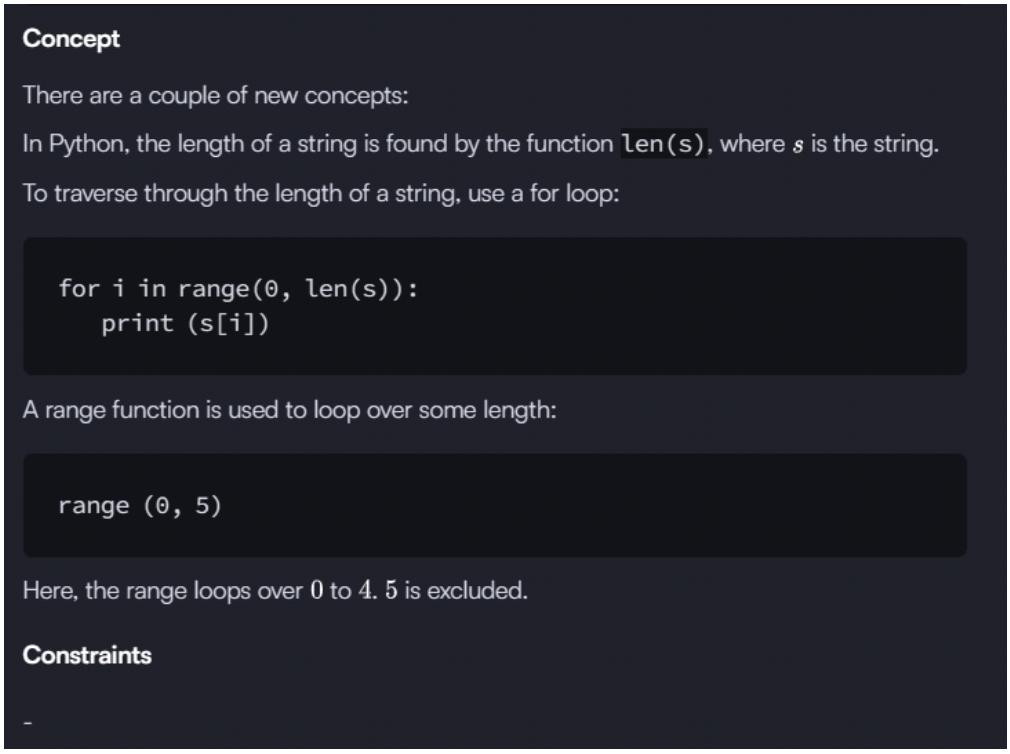
Sample Input

```
ABCDCDC
CDC
```

Sample Output

```
2
```

Concept



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The next line contains the substring. Constraints 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 There are a couple of new concepts: In Python, the length of a string is found by the function len(s), where To traverse through the length of a string, use a for loop: for i in range(0, len(s)): print (s[i]) is the string. A range function is used to loop over some length: range (0, 5) Here, the range loops over Constraints to . is excluded. 1/2 2/

Find a string

HackerRank

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

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.

Constraints

-

1/2

```
for i in range(len(A)-len(X)+1):
    if A[i:i+len(X)] == X:
        print(A[i:i+len(X)])
```

✓ 0.0s

```
CDC
CDC
```

```
import re
a = 'ABCDCDC'
b = 'CDC'
pattern = re.findall('(?='+b+')',a)
print(len(pattern))
```

✓ 0.0s

```
2
```