

Topics

Lecture 2 : Arrays & Strings

Deadline

Sep 28, 2020, 11:59 PM

Code : Check Permutation

0/40

Code : Reverse each word

0/80

Code : Compress the string

0/80

Introduction to 2D arrays

Find an element

Code : Rotate matrix

0/80

Vectors

Vectors

0/10

Insert element

0/10

What is the output

0/10

What is the output

0/10

What is the output

0/10

What is the output

0/10

string class

Assignment

0.0%

Score 0/800

Sort 0 1 2

0/80

Push Zeros to end

0/80

Count platforms

0/80

Leaders in array

0/80

Print Like a Wave

0/80

Print Spiral

0/120

Reverse string Word Wise

0/80

Problem

Result

Code : Compress the string

Send Feedback

Write a program to do basic string compression. For a character which is consecutively repeated more than once, replace consecutive duplicate occurrences with the count of repetitions.

Exmple:

If a String has 'x' repeated 5 times, replace this "xxxxx" with "x5".

The string is compressed only when the repeated character count is more than 1.

Note :

Consecutive count of every character in the input string is less than equal to 9.

Input Format :

The first and the only line of input contains a string(no spaces in between).

Output Format :

The only line of output print the compressed string.

Note:

Return the compressed string and hence, no need to print.

Constraints :

$0 \leq |S| \leq 10^7$   
Where  $|S|$  represents the length of string, S.

Time Limit: 1sec

Sample Input 1 :

aaabbccdsa

Sample Output 1 :

a3b2c2dsa

Sample Input 2 :

aaabbcddeeeee

< PREVIOUS

> NEXT

CUSTOM INPUT

SUBMIT SOLUTION

```
1 string stringComp
2 {
3     // Write your
4 }
```