Compress the String

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 or equal to 9.

Input Format:

The first and only line of input contains a string without any leading and trailing spaces.

Output Format:

The only line of output prints the updated string.

Note:

You are not required to print anything. It has already been taken care of.

Constraints:

0 <= N <= 10^6
Where N is the length of the input string.

Time Limit: 1 second

Sample Input 1:

aaabbccdsa

Sample Output 1:

a3b2c2dsa

Sample Input 2:

aaabbcddeeeee

Sample Output 2:

a3b2cd2e5