You are given a string 'STR' consisting of lower and upper case characters. You need to remove the consecutive duplicates characters, and return the new string.

Example:

For a given string, "aaaAAbbcccbd"

The new string formed after removing the consecutive duplicates characters will be, "aAbcbd".

Input Format :

The first and the only line of input contains a string 'STR' with no space in between the characters.

Output Format :

Print the final string after removing all the consecutive duplicates.

Note:

You don't have to print anything, it has already been taken care of. Just implement the given function.

Constraints :

1 <= |S| <= 10^5

Where |S| represents the length of the string.

Time limit: 1 sec

Sample Input 1 :

aabccba

Sample Output 1 :

abcba

Explanation Of Sample Output 1 :

The string basically is a concatenation of [aa][b][cc][b][a] without considering the brackets. From each segment we need to choose only 1 character as all the characters are duplicates, therefore the final answer is [a][b][c][b][a] = abcba

Sample Input 2 :

xxxyyyzwwzzz

Sample Output 2 :

xyzwz

Explanation Of Sample Output 2 :

The string basically is a concatenation of [xxx][yyy][z][ww][zzz]. After choosing 1 character from each segment our final answer is [x][y][z][w][z] = xyzwz