

Remove Duplicates Recursively

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Given a string S, remove consecutive duplicates from it recursively.

Input Format :

String S

Output Format :

Output string

Constraints :

$1 \leq |S| \leq 10^3$

where |S| represents the length of string

Sample Input 1 :

aabccba

Sample Output 1 :

abcba

Sample Input 2 :

xxxyyyzwwzzz

Sample Output 2 :

xyzwz