

Remove all duplicates from a given string

Easy Accuracy: 65.41% Submissions: 4386 Points: 2

Given a string **Str** which may contains lowercase and uppercase chracters. The task is to remove all duplicate characters from the string and find the resultant string. The order of remaining characters in the output should be same as in the original string.

Example 1:

Input:

Str = geeksforgeeks

Output: geksför

Explanation: After removing duplicate characters such as e, k, g, s, we have string as "geksfor".

Example 2:

Input:

Str = HappyNewYear

Output: HapyNewYr

Explanation: After removing duplicate characters such as p, e, a, we have string as "HapyNewYr".

Your Task:

Complete the function **removeDuplicates()** which takes a string **str**, as input parameters and returns a string denoting the answer. You don't to print answer or take inputs.

Expected Time Complexity: $O(N)$

Expected Auxiliary Space: $O(N)$

Constraints:

$$1 \leq N \leq 10^5$$

String contains uppercase and lowercase english letters.

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