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October LeetCode Challenge 2021

Premium



Description

Solution

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Java

Autocomplete



## 451. Sort Characters By Frequency

Medium

3285

164

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Given a string *s*, sort it in **decreasing order** based on the **frequency** of the characters. The **frequency** of a character is the number of times it appears in the string.

Return *the sorted string*. If there are multiple answers, return *any of them*.

### Example 1:

Input: *s* = "tree"

Output: "eert"

Explanation: 'e' appears twice while 'r' and 't' both appear once.

So 'e' must appear before both 'r' and 't'. Therefore "eetr" is also a valid answer.

### Example 2:

Input: *s* = "cccaaa"

Output: "aaaccc"

Explanation: Both 'c' and 'a' appear three times, so both "cccaaa" and "aaaccc" are valid answers.

Note that "cacaca" is incorrect, as the same characters must be together.

### Example 3:

Input: *s* = "Aabb"

Output: "bbAa"

Explanation: "bbaA" is also a valid answer, but "Aabb" is incorrect.

Note that 'A' and 'a' are treated as two different characters.

### Constraints:

- $1 \leq s.length \leq 5 \cdot 10^5$
- s* consists of uppercase and lowercase English letters and digits.

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Submissions 466,781

Seen this question in a real interview before?

Yes

No

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```
1 class Solution {
2     public String frequencySort(String s) {
3
4     }
5 }
```

Problems

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451/2046

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Console

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