3692. Majority Frequency Characters

Solved ●

Easy   🏷 Topics   💡 Hint

You are given a string `s` consisting of lowercase English letters.

The **frequency group** for a value `k` is the set of characters that appear exactly `k` times in s.

The **majority frequency group** is the frequency group that contains the largest number of **distinct** characters.

Return a string containing all characters in the majority frequency group, in **any** order. If two or more frequency groups tie for that largest size, pick the group whose frequency `k` is **larger**.

Example 1:

Input: s = "aaabbbccddde"

Output: "ab"

Explanation:

Frequency (k)	Distinct characters in group	Group size	Majority?
4	{d}	1	No
3	{a, b}	2	**Yes**
2	{c}	1	No
1	{e}	1	No

Both characters `'a'` and `'b'` share the same frequency 3, they are in the majority frequency group. `"ba"` is also a valid answer.

Example 2:

Input: s = "abcd"

Output: "abcd"

Explanation:

Frequency (k)	Distinct characters in group	Group size	Majority?
1	{a, b, c, d}	4	**Yes**

All characters share the same frequency 1, they are all in the majority frequency group.

Example 3:

Input: s = "pfpfgi"

Output: "fp"

Explanation:

Frequency (k)	Distinct characters in group	Group size	Majority?
2	{p, f}	2	**Yes**

Frequency (k)	Distinct characters in group	Group size	Majority?
1	{g, i}	2	No (tied size, lower frequency)

Both characters `p` and `f` share the same frequency 2, they are in the majority frequency group. There is a tie in group size with frequency 1, but we pick the higher frequency: 2.

Constraints:

- `1 <= s.length <= 100`

- `s` consists only of lowercase English letters.

Seen this question in a real interview before?   1/5

Yes   No

Accepted **24.930**/37.1K | **Acceptance Rate** **67.1**%

Topics	⌄
Hint 1	⌄
Hint 2	⌄
Hint 3	⌄
Hint 4	⌄
Hint 5	⌄
Discussion (22)	⌄