

5562. Minimum Deletions to Make Character Frequencies Unique

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A string `s` is called **good** if there are no two different characters in `s` that have the same **frequency**.

Given a string `s`, return the **minimum** number of characters you need to delete to make `s` **good**.

The **frequency** of a character in a string is the number of times it appears in the string. For example, in the string `"aab"`, the **frequency** of `'a'` is 2, while the **frequency** of `'b'` is 1.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

Input: `s = "aab"`
Output: 0
Explanation: `s` is already good.

Example 2:

Input: `s = "aaabbbcc"`
Output: 2
Explanation: You can delete two `'b'`'s resulting in the good string `"aaabcc"`.
Another way it to delete one `'b'` and one `'c'` resulting in the good string `"aaabbc"`.

Example 3:

Input: `s = "ceabaacb"`
Output: 2
Explanation: You can delete both `'c'`'s resulting in the good string `"eabaab"`.
Note that we only care about characters that are still in the string at the end (i.e. frequency of 0 is ignored).

Constraints:

- $1 \leq s.length \leq 10^5$
- `s` contains only lowercase English letters.

C#

```
1 public class Solution {
2     public int MinDeletions(string input) {
3         int numOfDeletion = 0;
4         List<int> numOfChrs = new List<int>();
5         IEnumerable<char> distinctChrs = input.Distinct();
6         foreach (var chr in distinctChrs)
7         {
8             int countChr = input.Count(x => x.Equals(chr));
9             while (countChr != 0 && numOfChrs.Contains(countChr))
10            {
11                countChr--;
12                numOfDeletion++;
13            }
14            numOfChrs.Add(countChr);
15        }
16        return numOfDeletion;
17    }
18 }
```

☒ Custom Testcase[Use Example Testcases](#)

```
"aab"  
"aaabbbcc"  
"ceabaacb"  
"abcdefghijklmnopqrstuvwxyz"
```

[? How to create a testcase ▼](#)[Run](#)[Submit](#)**Submission Result: Accepted** (</submissions/detail/417932807/>) [?](#)[More Details > \(/submissions/detail/417932807/\)](/submissions/detail/417932807/)

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