

6462. Minimize String Length

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Given a **0-indexed** string `s`, repeatedly perform the following operation **any** number of times:

- Choose an index `i` in the string, and let `c` be the character in position `i`. **Delete** the **closest occurrence** of `c` to the **left** of `i` (if any) and the **closest occurrence** of `c` to the **right** of `i` (if any).

Your task is to **minimize** the length of `s` by performing the above operation any number of times.

Return *an integer denoting the length of the **minimized** string*.

User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Medium

Example 1:

Input: `s = "aaabc"`

Output: 3

Explanation: In this example, `s` is "aaabc". We can start by selecting the character 'a' at index 1. We then remove the closest

Example 2:

Input: `s = "cbdd"`

Output: 3

Explanation: For this we can start with character 'b' at index 1. There is no occurrence of 'b' to the left of index 1, but the

Example 3:

Input: `s = "dddaaa"`

Output: 2

Explanation: For this, we can start with the character 'd' at index 1. The closest occurrence of a 'd' to its left is at index

Constraints:

- `1 <= s.length <= 100`
- `s` contains only lowercase English letters

JavaScript

1

const minimizedStringLength = (s) => new Set(s).size

☐ Custom Testcase

Use Example Testcases

Run

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Submission Result: **Accepted** (/submissions/detail/963341777/) ⓘ More Details ➤ (/submissions/detail/963341777/)

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