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Description

Solution

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Submissions

680. Valid Palindrome II

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Given a string `s`, return `true` if the `s` can be palindrome after deleting **at most one** character from it.

Example 1:

Input: `s = "aba"`
Output: `true`

Example 2:

Input: `s = "abca"`
Output: `true`
Explanation: You could delete the character 'c'.

Example 3:

Input: `s = "abc"`
Output: `false`

Constraints:

- `1 <= s.length <= 105`
- `s` consists of lowercase English letters.

Accepted 481,965 Submissions 1,223,845

Seen this question in a real interview before?

Yes

No

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```
1 class Solution {
2     public boolean validPalindrome(String s) {
3
4         StringBuilder filteredInput = new StringBuilder();
5
6         for (char ch : s.toCharArray())
7             if (Character.isLetterOrDigit(ch))
8                 filteredInput.append(Character.toLowerCase(ch));
9
10        StringBuilder left = new StringBuilder();
11        StringBuilder right = new StringBuilder();
12
13        for (int i = 0; i < (filteredInput.length()/2); i++)
14            left.append(filteredInput.charAt(i));
15
16        for (int i = (filteredInput.length() - 1); i >= (filteredInput.length()/2); i--)
17            right.append(filteredInput.charAt(i));
18
19        String leftString = left.toString();
20        String rightString = right.toString();
21
22        return leftString.equals(rightString);
23
24    }
25 }
```

Testcase

Run Code Result

Debugger

"abca"

Run Code

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Problems

Pick One

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Console Use Example Testcases

Run Code

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https://leetcode.com/problems/valid-palindrome-ii/

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