

LeetCode

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Description

Solution

Discuss (999+)

Submissions

680. Valid Palindrome II

Easy 5451 296 Add to List Share

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

Companies 

i

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```
1 class Solution {
2     public boolean validPalindrome(String s) {
3
4         String input = s.toLowerCase();
5
6         StringBuilder builder = new StringBuilder();
7
8         for (char ch : input.toCharArray())
9             builder.append(Character.isLetterOrDigit(ch));
10
11         return builder.toString().equals(builder.reverse().toString());
12
13         // An alternative way would be to create two different (smaller)
14
15         StringBuilder left = new StringBuilder();
16         StringBuilder right = new StringBuilder();
17
18         for (int i = 0; i < (builder.length()/2); i++)
19             left.append(builder.charAt(i));
20
21         for (int i = builder.length() - 1; i >= (float) builder.length()/2; i--)
22             right.append(builder.charAt(i));
23
24         return left.toString().equals(right.toString());
25     }
26 }
27
```

Testcase

Run Code Result

Debugger

Wrong Answer

Runtime: 0 ms

Your input

"abca"

Output

false

Diff

Expected

true

Problems

Pick One

Prev 680/2236 Next

Console

Use Example Testcases

Run Code

Submit

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

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