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Description

Solution

Discuss (999+)

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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}

}

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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             if (Character.isLetterOrDigit(ch))
10                 builder.append(ch);
11
12         if (builder.toString().equals(builder.reverse().toString()) || isPalindrome(builder, input))
13             return true;
14
15         else
16             return false;
17
18     }
19
20     private boolean isPalindrome(StringBuilder builder, String input) {
21
22         for (int i = 0; i < builder.length(); i++) {
23
24             StringBuilder temp = new StringBuilder();
25
26             for (char ch : input.toCharArray())
27                 if (Character.isLetterOrDigit(ch))
28                     temp.append(ch);
29
30             temp.deleteCharAt(i);
31
32             if (temp.toString().equals(temp.reverse().toString()))
33                 return true;
34             temp.reverse();
35
36         }
37
38         return false;
39
40     }
41
42 }
43 }
```

Problems

Pick One

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Next >

Console

Contribute i

Run Code ^

Submit

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

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