

Description

Solution

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Submissions

680. Valid Palindrome II

Easy

5050

280

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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 455,117 Submissions 1,164,558

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Yes

No

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```
1  class Solution {
2
3      public boolean validPalindrome(String s) {
4
5          int start = 0;
6          int end = s.length() - 1;
7
8          while(start <= end){
9
10             if(s.charAt(start) != s.charAt(end)){
11                 //check the other two substr for palindrome
12                 return palindromeHelper(s, start + 1, end) ||
palindromeHelper(s, start, end - 1);
13             }
14
15             start++;
16             end--;
17         }
18
19         return true;
20     }
21
22     //Check for the extra two sub string to check palindrome
23     public boolean palindromeHelper(String s, int start, int
end) {
24
25         while(start <= end){
26
27             if(s.charAt(start) != s.charAt(end)){
28                 //check the other two substr for palindrome
29                 return false;
30             }
31
32             start++;
33             end--;
34         }
35     }
36
37     return true;
38 }
39 }
```