

Online Test Window

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Mercermettl

YUKESH R M
LP_Practice_isPalinStr / Saved: 30 seconds ago

Test Time: 01:03:01

Finish Test

1. Program

1

Attempted: 1/1

JAVA8

Compiler: Java - 1.8

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public int isPalindrome(String input1){
9         // Read only region end
10         input1 = input1.toLowerCase();
11         int digitCount = input1.length();
12         boolean isPalindrome = true;
13
14         int range = digitCount / 2;
15         if (digitCount % 2 == 0) range--;
16
17         for (int i = 0; i <= range; i++) {
18             if (input1.charAt(i) != input1.charAt(digitCount - i - 1)) isPalindrome = false;
19         }
20
21         if (isPalindrome == true) return 2;
22         else return 1;
23     }
24 }
```

☐ Use Custom Input

Compile and Test

Submit Code

Question 1

Revisit Later

How to Attempt?

isPalindrome

Write a function (method) to determine whether the input string is a Palindrome or not.
What is a Palindrome?
A palindrome is a string that spells the same from either directions, for example - abba, appa, amma, malayalam, nayan, deed, level, madam, rotator, revival, stats, tenet, ...

If the input string is a palindrome, the function should return 2
If the input string is NOT a palindrome, the method should return 1

NOTE: The case of the letters in the string should not matter, i.e. Madam , MAdam , madAM , madam , MADAM , should all be considered a palindrome.

ASSUMPTIONS: Within the scope of this assessment, you can assume the following, and so you do not have to write code to handle the below conditions -
1. The passed input string will always be a single word and not a sentence
2. The passed input string will only contain alphabets

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Tests

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Test Time: 01:02:47

Finish Test

1. Program

1

Attempted: 1/1

Question 1

How to Attempt?

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Revisit Later

Use Custom Input

Compile and Test

Submit Code

Code Execution

Code History

0/8 - Graded Test Cases Failed

TC 8

TC 7

TC 6

TC 5

TC 4

TC 3

TC 2

TC 1

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Online Test Window

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Finish Test

Remaining Time: 01:02:42

1. Program

Question 1

How to Attempt?

isPalindrome

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Revisit Later

Use Custom Input

Code Execution

0/8 - Graded Test

TC 8

TC 7

TC 6

TC 5

TC 4

TC 3

TC 2

TC 1

1

1

1

Total Questions

Attempted: 1/1

Marked for Revisit: 0/1

Unattempted: 0/1

Section Summary

| # | SECTION NAME | STATUS |
|----|----------------------------|---|
| 1. | Program Untimed Section | <div>10</div> <div>Total: 1 Questions</div> |

Yes, End Test!

No, Back to Test

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