

1. Program

Press **Esc** to exit full screen< 1 >  

Attempted: 1/1

Question 1

 Revisit Later

How to Attempt?

Is Palindrome possible?

Write a function to find whether it is possible to get a palindrome number from a given number by re-arranging the positions of its digits. If yes, the function should return 2, else it must return 1.

Example1: If the given number is 21251, it is possible to form a palindrome by re-arranging its digits, as 21512 or 12521. So the function must return 2.

Example2: If the given number is 2125, it is not possible to form a palindrome by re-arranging its digits. So the function must return 1.

Note: All diits of the given number should be retained while deciding whether they can together form a palindrome.

Assumption: The input number will be a positive integer number ≥ 1 and ≤ 25000 .

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 isPalinNumPossible(int input1){
9         // Read only region end
10        // Write code here...
11        String str=Integer.toString(input1);
12        int count[] = new int[256];
13        Arrays.fill(count, 0); // to initialize all values to zero
14        for (int i = 0; i < str.length(); i++)
15            count[(int)(str.charAt(i))]+=1;
16        int odd = 0;
17        for (int i = 0; i < 256; i++)
18        {
19            if ((count[i] & 1) == 1)
20                odd++;
21            if (odd > 1)
22                return 1;
23        }
24        return 2;
25    }
26 }
```

☐ Use Custom Input

Compile and Test

Submit Code

Mercer

mettl

sujana

LP_Practice_IsPalinPossible / Saved: 0 seconds ago

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1

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Use Custom Input

Code Execution

0/8 - Graded Test

Corner 2

Corner 1

Necessary 2

Necessary 1

Basic 4

Basic 3

Basic 2

Basic 1

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Finish Test

Remaining Time: 00:57:54

Your Test Summary

1 Total Questions

Attempted: 1/1

Marked for Revisit: 0/1

Unattempted: 0/1

Section Summary

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

Yes, End Test!

No, Back to Test