

1. Program

## Question 1

Revisit Later

## How to Attempt?

## Is Palindrome Number?

Write a function to find whether the given number N is a palindrome.

A palindrome number is one that reads the same backwards as well as forwards. For e.g. 252, 18981, 5005 are examples of palindrome numbers.

The number will be passed to the function as an input parameter of type int.

If the number is a palindrome, the function should return 2, else it should return 1.

**Assumption:** The input number will be a positive integer number  $\geq 1$  and  $\leq 25000$ .

JAVA7

Compiler: Java - 1.7

```
1  import java.io.*;
2  import java.util.*;
3
4  // Read only region start
5  class UserMainCode
6  {
7
8      public int isPalinNum(int input1){
9          // Read only region end
10         // Write code here...
11         int num = input1, rev = 0;
12         while (input1 != 0){
13             int digit = input1 % 10;
14             rev = rev * 10 + digit;
15             input1 /= 10;
16         }
17         if (num == rev) return 2;
18         else return 1;
19     }
20 }
```

☐ Use Custom Input

①

Compile and Test

Submit Code

1. Program

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&lt; 1 &gt;

Attempted: 1/1

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Code Execution Code History

0/2 - Sample Test Cases Failed

✓ Default 2

## CODE EXECUTION DETAILS

Time: 286 ms

Memory: 103812 kb

## &lt;/&gt; TEST CASE INFORMATION

Input

1015

Expected Output

1

Actual Output

1

## &gt;\_ CONSOLE OUTPUT

## i STANDARD ERROR/WARNING

None

✓ Default 1

1. Program



1



Attempted: 1/1

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**Code Execution** Code History

0/8 - Graded Test Cases Failed

✓ Corner 2

✓ Corner 1

✓ Necessary 2

✓ Necessary 1

✓ Basic 4

✓ Basic 3

✓ Basic 2

✓ Basic 1

