1. Program

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.

- Corner 2
- Corner 1
- Necessary 2
- Necessary 1
- Basic 4
- Basic 3
- Basic 2
- Basic 1

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JAVA7 | Compiler: Java - 1.7

```
7
8     public int isPalinNumPossible(int input1){
9         // Read only region end
10        String str=Integer.toString(input1);
11        int count[]=new int[256];
12        Arrays.fill(count,0);
13        for(int i=0;i<str.length();i++)
14        count[(int)(str.charAt(i))]++;
15        int odd=0;
16        for(int i=0;i<256;i++)
17        {
18            if((count[i]&1)==1)
19            odd++;
20            if(odd>1)
21            return 1;
22        }
23        return 2;
24    }
25 }
```

Use Custom Input | Compile and Test | Submit Code