1. Program ▾   ℹ

< 1 >   ▦ 🖫

Attempted: 1/1

Question 1

🔖 Revisit Later

How to Attempt?

Even OR Odd Digits' Sum:
In mathematics, the "digit sum" of a given integer is the sum of all its digits, e.g.
the digit sum of 84001 is calculated as 8+4+0+0+1 = 13,
the digit sum of 158 is 1+5+8 = 14.

Rohan's teacher has asked him to write a function (method) that takes as input a positive number and performs digitSum of either only the even digits or only the odd digits in the given number, based on the option "even" or "odd".
The function will take two input parameters -
- the first parameter will be an integer number representing the number whose digitSum needs to be found
- the second parameter will be a string representing the option, which will be either "even" or "odd"
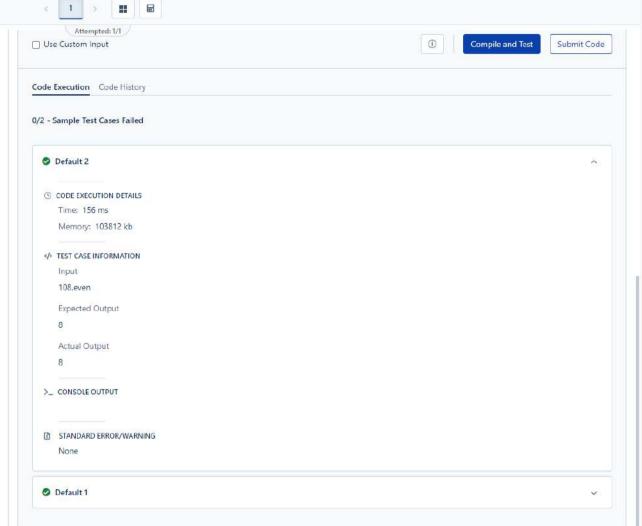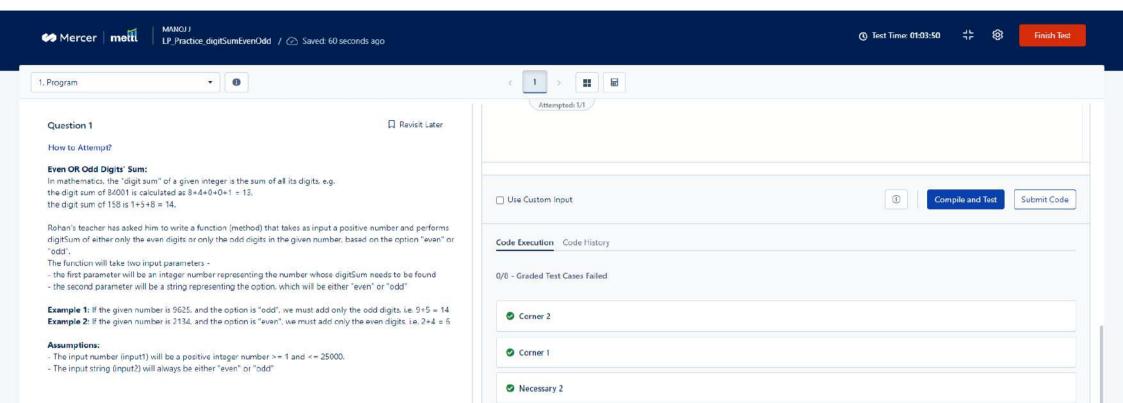
Example 1: If the given number is 9625, and the option is "odd", we must add only the odd digits, i.e. 9+5 = 14
Example 2: If the given number is 2134, and the option is "even", we must add only the even digits, i.e. 2+4 = 6

Assumptions:
- The input number (input1) will be a positive integer number >= 1 and <= 25000.
- The input string (input2) will always be either "even" or "odd"

JAVA7 ▾   Compiler: Java - 1.7   ↺ ☾ </> ⤢ ⋮

```java
1  import java.io.*;
2  import  java.util.*;
3
4  // Read only region start
5  class UserMainCode
6  {
7
8      public int EvenOddDigitsSum(int input1,String input2){
9          // Read only region end
10         // Write code here...
11          int evenSum = 0;
12         int totalSum = 0;
13
14         while (input1 != 0) {
15             int digit = input1 % 10;
16             totalSum += digit;
17             if (digit % 2 == 0) evenSum += digit;
18             input1 /= 10;
19         }
20
21         if (input2.equals("even")) return evenSum;
22         else return totalSum - evenSum;
23     }
24 }
```

☐ Use Custom Input   ℹ   **Compile and Test**   **Submit Code**

Mettl Online Assessment © 2021-2031 📶

Need Help? Contact us: 🇺🇸 +1 (800) 265-6038   🇮🇳 +91 80471-90902

Powered By Mercer | mettl

1. Program ▾   ⓘ

‹ 1 › ⊞ 🖫

Attempted: 1/1

☐ Use Custom Input   ⓘ **Compile and Test** Submit Code

Question 1   🔖 Revisit Later

How to Attempt?

Even OR Odd Digits' Sum:
In mathematics, the "digit sum" of a given integer is the sum of all its digits, e.g.
the digit sum of 84001 is calculated as 8+4+0+0+1 = 13,
the digit sum of 158 is 1+5+8 = 14.

Rohan's teacher has asked him to write a function (method) that takes as input a positive number and performs
digitSum of either only the even digits or only the odd digits in the given number, based on the option "even" or
"odd".
The function will take two input parameters -
- the first parameter will be an integer number representing the number whose digitSum needs to be found
- the second parameter will be a string representing the option, which will be either "even" or "odd"

Example 1: If the given number is 9625, and the option is "odd", we must add only the odd digits, i.e. 9+5 = 14
Example 2: If the given number is 2134, and the option is "even", we must add only the even digits, i.e. 2+4 = 6

Assumptions:
- The input number (input1) will be a positive integer number >= 1 and <= 25000.
- The input string (input2) will always be either "even" or "odd"

Code Execution   Code History

0/2 - Sample Test Cases Failed

✅ **Default 2**   ⌃

🕘 CODE EXECUTION DETAILS
   Time: 156 ms
   Memory: 103812 kb

</> TEST CASE INFORMATION
   Input

   108.even

   Expected Output

   8

   Actual Output

   8

>_ CONSOLE OUTPUT
   ——————

📄 STANDARD ERROR/WARNING

   None

✅ **Default 1**   ⌄

1. Program ▾ | ⓘ | ‹ **1** › | ▦ | 🖩

Attempted: 1/1

Question 1

🔖 Revisit Later

How to Attempt?

Even OR Odd Digits' Sum:
In mathematics, the "digit sum" of a given integer is the sum of all its digits, e.g.
the digit sum of 84001 is calculated as 8+4+0+0+1 = 13,
the digit sum of 158 is 1+5+8 = 14.

Rohan's teacher has asked him to write a function (method) that takes as input a positive number and performs digitSum of either only the even digits or only the odd digits in the given number, based on the option "even" or "odd".
The function will take two input parameters -
- the first parameter will be an integer number representing the number whose digitSum needs to be found
- the second parameter will be a string representing the option, which will be either "even" or "odd"

Example 1: If the given number is 9625, and the option is "odd", we must add only the odd digits, i.e. 9+5 = 14
Example 2: If the given number is 2134, and the option is "even", we must add only the even digits, i.e. 2+4 = 6

Assumptions:
- The input number (input1) will be a positive integer number >= 1 and <= 25000.
- The input string (input2) will always be either "even" or "odd"

☐ Use Custom Input | ⓘ | **Compile and Test** | **Submit Code**

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