1. Program

1

Attempted: 1/1

Question 1

Revisit Later

How to Attempt?

Even 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 only the even digits in the given number.
Example 1: If the given number is 9625, we must add only the even digits, i.e. 6+2 = 8 Thus, the EvenDigitsSum for the number 9625 is 8.
Example 2: If the given number is 2134, the EvenDigitsSum will be 2+4 = 6

Assumption: The input number will be a positive integer number >= 1 and <= 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 EvenDigitsSum(int input1){
9          // Read only region end
10         // Write code here...
11
12             int sum=0;
13             while(input1!=0)
14             {
15             int n=input1%10;
16             if(n%2==0)
17             sum+=n;
18            input1/=10;
19             }
20             return sum;
21     }
22 }
```

Use Custom Input

Compile and Test | Submit Code

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Use Custom Input

Compile and Test

Submit Code

Code Execution | Code History

0/2 - Sample Test Cases Failed

Default 2

CODE EXECUTION DETAILS
Time: 224 ms
Memory: 103812 kb

TEST CASE INFORMATION
Input
108
Expected Output
8
Actual Output
8

CONSOLE OUTPUT

STANDARD ERROR/WARNING
None

Default 1

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Use Custom Input

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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 2
- Basic 1
- Basic 3