

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 $<= 25000$.

✓ Corner 1

✓ Corner 2

✓ Necessary 2

✓ Necessary 1

✓ Basic 4

✓ Basic 3

✓ Basic 2

✓ Basic 1

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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 .

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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         int sum=0;
11         while(input1!=0)
12         {
13             int n=input1%10;
14             if(n%2==0)
15                 sum+=n;
16             input1/=10;
17         }
18         return sum;
19     }
```

☐ Use Custom Input

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Compile and Test

Submit Code