

1. Program

Question 1

Revisit Later

How to Attempt?

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 only the odd digits in the given number.

Example 1: If the given number is 9625, we must add only the odd digits, i.e. $9+5 = 14$. Thus, the OddDigitsSum for the number 9625 is 14.

Example 2: If the given number is 2134, the OddDigitsSum will be $1+3 = 4$

Assumption: The input number will be a positive integer number ≥ 1 and ≤ 25000 .

Attempted: 1/1
Compiler: Java - 1.8

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public int OddDigitsSum(int input1){
9         // Read only region end
10        // Write code here...
11        int sum=0;
12        while(input1!=0)
13        {
14            int n=input1%10;
15            if((n%2!=0))
16                sum+=n;
17            input1/=10;
18        }
19        return sum;
20    }
21 }
```

☐ Use Custom Input

Compile and Test

Submit Code

Mercer

mettl

sujana

LP_Practice_digitSumOdd

/

Saved: 0 seconds ago

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1

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Assumption: The input number will be a positive integer number ≥ 1 and ≤ 25000 .

Code Execution

0/8 - Graded Test

Corner 2

Corner 1

Necessary 2

Necessary 1

Basic 4

Basic 3

Basic 2

Basic 1

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Finish Test

Remaining Time: 01:03:23

Your Test Summary

1 Total Questions

Attempted: 1/1

Marked for Revisit: 0/1

Unattempted: 0/1

Section Summary

#	SECTION NAME	STATUS
1.	Program Untimed Section	<div>1</div> <div>Total: 1 Questions</div>

Yes, End Test!

No, Back to Test