

LP_Practice_digitSumEven

Ramya.V | 09 Feb 2023



Finish State: Normal

Test Taken on: February 09, 2023 02:05:52 PM IST



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Overall Summary

40 Marks Scored
out of 40

100 % 100 percentile
out of 31882 Test Takers

1m 49s Time taken
of 1hr 5mins

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



This shows the correctness of questions attempted by the test taker

Correct	1 Ques	40/40 Marks
Incorrect	0 Ques	0/0 Marks
Partially Correct	0 Ques	0/0 Marks
Not Attempted	0 Ques	0/0 Marks

Section-Wise Details

▼ Section 1 Program	question(s) 1 Q.	Time taken 1m 49s (Untimed)	Marks Scored 40 / 40
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Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



■ Correct	1 Ques	40/40 Marks
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This shows the correctness of questions attempted by the test taker

About the Report

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Press Esc to exit full screen

1. Program

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 .

C

Compiler: gcc 5.4.0

```
1  #include<stdio.h>
2  #include<string.h>
3  // Read only region start
4
5  int EvenDigitsSum(int input1)
6  {
7      // Read only region end
8      int r,sum=0;
9
10     while(input1>0){
11
12         r=input1%10;
13
14         if(r%2==0){
15
16             sum=sum+r;
17
18         }
19
20         input1=input1/10;
21
22     }
23
24     return sum;
25
26 }
```

☐ Use Custom Input

①

Compile and Test

Submit Code

1. Program

1

Question 1

Revisit Later

How to Attempt?

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the digit sum of 84001 is calculated as $8+4+0+0+1 = 13$,
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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 .

Attempted: 1/1

✓ Default 2

⌚ CODE EXECUTION DETAILS

Time: 139 ms

Memory: 102404 kb

</> TEST CASE INFORMATION

Input

108

Expected Output

8

Actual Output

8

>_ CONSOLE OUTPUT

📄 STANDARD ERROR/WARNING

None

✓ Default 1