LP_Practice_digitSumEvenOdd

Ramya.V | 09 Feb 2023

Test Name::

LP_Practice_digitSumEvenOdd

Finish State: Normal | Test Taken on: February 09, 2023 02:41:34 PM IST

R

Ramya.V

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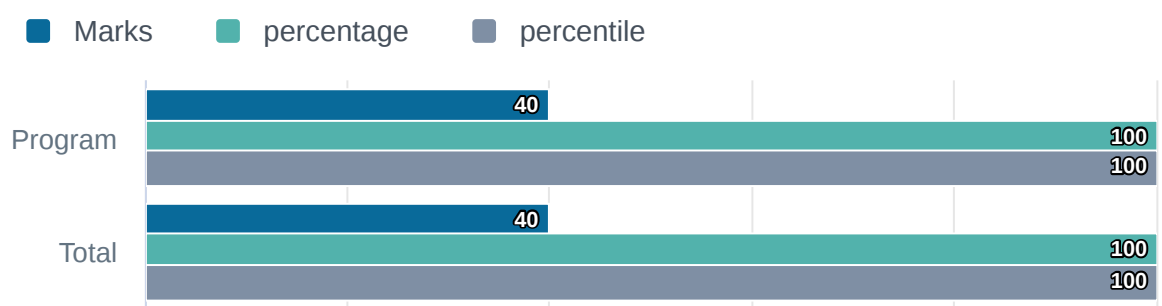
Overall Summary

40	Marks Scored	out of 40
100 %	100 percentile	out of 37965 Test Takers
19m 7s	Time taken	of 1hr 5mins

Marks Scored



Attempt Summary

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

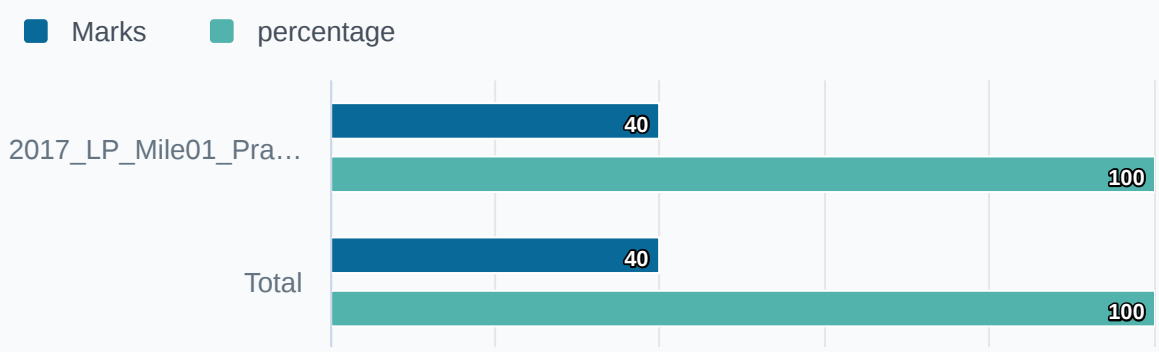
This shows the correctness of questions attempted by the test taker

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

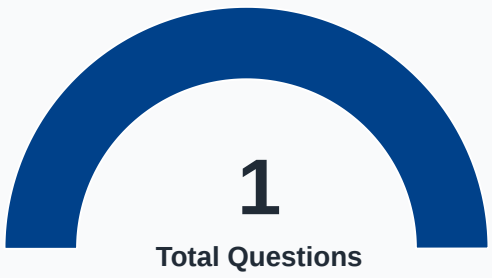
Section 1	question(s)	Time taken	Marks Scored
Program	1 Q.	19m 7s (Untimed)	40 / 40

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

Test Log

9th Feb 2023

02:19 PM		Started the test with Program
02:38 PM		Finished the test

About the Report

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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"

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 EvenOddDigitsSum(int input1,String input2){
9          // Read only region end
10         if(input2.equals("odd"))
11
12 {
13
14 int sum=0;
15
16 while(input1>0)
17
18 {
19
20 int r=input1%10;
21
22 if(r%2==1)
23
24 {
25
26 sum+=r;
```

Use Custom Input

Compile and Test | Submit Code

Mercer | mettl

Ramya.V
LP_Practice_digitSumEvenOdd / Saved: 60 seconds ago

Test Time: 00:46:40 | Finish Test

Toggle Fullscreen

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

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JAVA7 | Compiler: Java - 1.7

```
26  sum+=r;
27
28  }
29
30  input1/=10;
31
32  }
33
34  return sum;
35
36  }
37
38  else
39
40  {
41
42  int sum=0;
43
44  while(input1>0)
45
46  {
47
48
49
50  int r=input1%10;
51
```

Use Custom Input

Compile and Test | Submit Code

1. Program

1

Attempted: 1/1

Question 1

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JAVA7 | Compiler: Java - 1.7

```
45
46  {
47
48
49
50  int r=input1%10;
51
52  if(r%2==0)
53
54  {
55
56  sum+=r;
57
58  }
59
60  input1/=10;
61
62  }
63
64  return sum;
65
66  }
67
68  }
69
70  }
```

Use Custom Input

Compile and Test | Submit Code

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

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Default 2

CODE EXECUTION DETAILS

Time: 258 ms

Memory: 103812 kb

TEST CASE INFORMATION

Input

108,even

Expected Output

8

Actual Output

8

CONSOLE OUTPUT

STANDARD ERROR/WARNING

None

Default 1