LP_Practice_SumOfSumsOfDigitsInCyclicOrder

Ramya.V | 12 Feb 2023

Test Name::

LP_Practice_SumOfSumsOfDigitsInCyclicOrder

Finish State: Normal | Test Taken on: February 12, 2023 07:18:05 PM IST

R

Ramya.V

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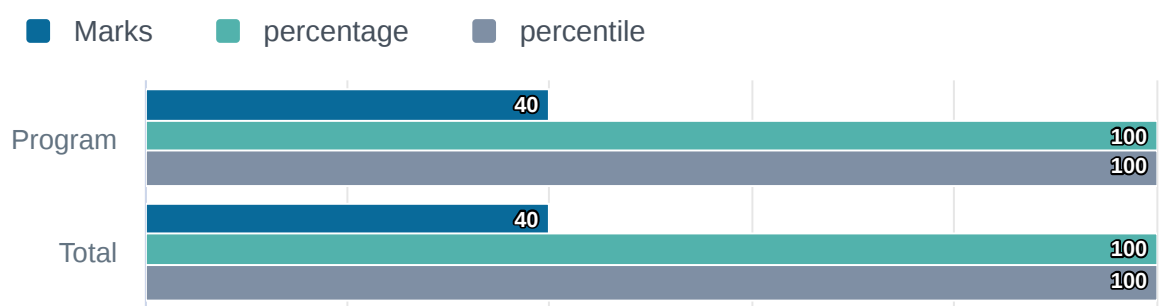
Overall Summary

40	Marks Scored	out of 40
100 %	100 percentile	out of 37967 Test Takers
2m 21s	Time taken	of 1hr 20mins

Marks Scored



Attempt Summary

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

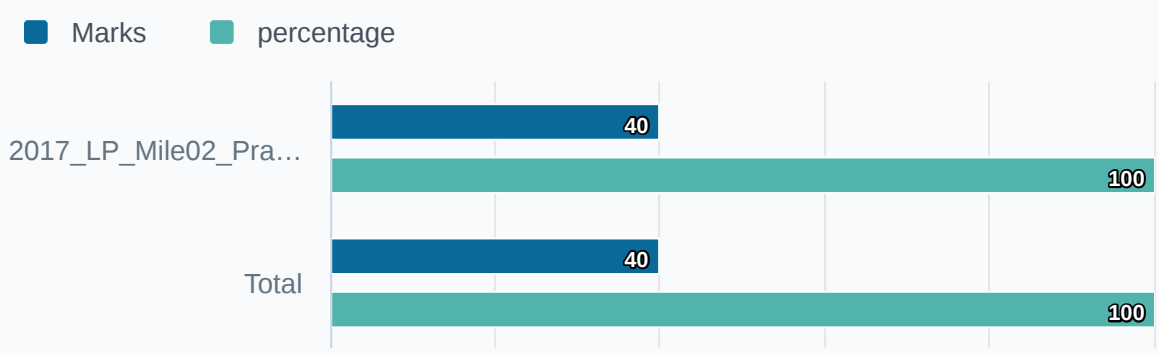
This shows the correctness of questions attempted by the test taker

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.	2m 21s (Untimed)	40 / 40

Marks Scored



Attempt Summary

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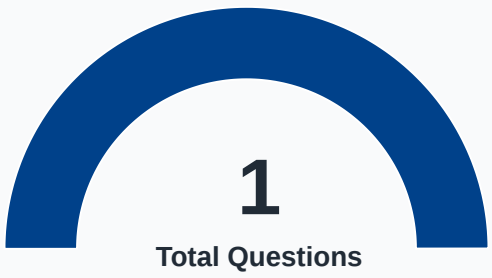

This shows the correctness of questions attempted by the test taker

Correct	1 Ques	40/40 Marks

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Ramya.V

LP_Practice_SumOfSumsOfDigitsInCyclicOrder / Saved: 0 seconds ago

Test Time: 01:18:18 Finish Test

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

How to Attempt?

Sum of Sums of Digits in Cyclic order: Alex has been asked by his teacher to do an assignment on sums of digits of a number. The assignment requires Alex to find the sum of sums of digits of a given number, as per the method mentioned below.

If the given number is 582109, the Sum of Sums of Digits will be calculated as =
= (5 + 8 + 2 + 1 + 0 + 9) + (8 + 2 + 1 + 0 + 9) + (2 + 1 + 0 + 9) + (1 + 0 + 9) + (0 + 9) + (9)
= 25 + 20 + 12 + 10 + 9 + 9 = 85

Alex contacts you to help him write a program for finding the Sum of Sums of Digits for any given number, using the above method.

Help Alex by completing the logic in the given function **sumOfSumsOfDigits** which takes as input an integer **input1** representing the given number.
The function is expected to return the "Sum of Sums of Digits" of input1.

Assumptions: For this assignment, let us assume that the given number will always contain more than 1 digit, i.e. the given number will always be >9.

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 sumOfSumsOfDigits(int input1){
9          // Read only region end
10     String str=Integer.toString(input1);
11     int sum=0;
12     for(int i=0;i<str.length();i++)  {
13  for(int j=i;j<str.length();j++){
14
15 int num=Character.getNumericValue(str.charAt(j));
16
17 sum+=num;
18 }}
19
20   return sum;
21
22 }}
```

Use Custom Input

Compile and Test Submit Code

1. Program

1

Attempted: 1/1

0/1 - ses Failed

Question 1

Revisit Later

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default

CODE EXECUTION DETAILS

Time: 241 ms

Memory: 103812 kb

TEST CASE INFORMATION

Input

582109

Expected Output

85

Actual Output

85

CONSOLE OUTPUT

STANDARD ERROR/WARNING

None