

LP_Practice_AdditionUsingStrings

Sasi | 10 Feb 2023



Finish State: Normal

Test Taken on: February 10, 2023 09:13:47 PM IST



Sasi

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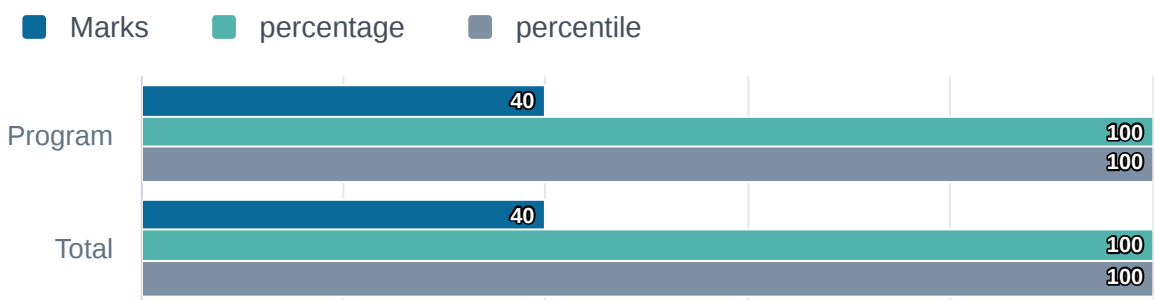
Overall Summary

40 Marks Scored
out of 40

100 % 100 percentile
out of 45280 Test Takers

8m 33s Time taken
of 1hr 20mins

Marks Scored



Attempt Summary

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



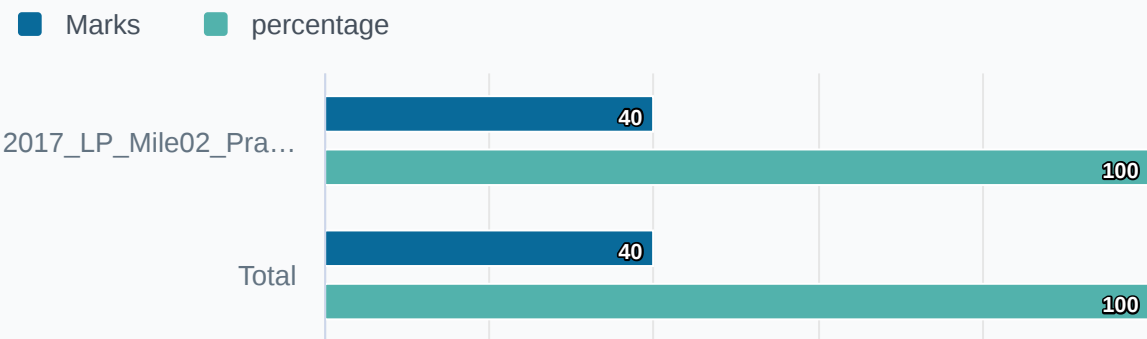
This shows the correctness of questions attempted by the test taker

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 Program	question(s) 1 Q.	Time taken 8m 33s (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


Test Log

10th Feb 2023


- 08:55 PM




Started the test with Program
- 08:57 PM



Away from test window
- 08:59 PM



Away from test window
- 09:04 PM



Finished the test

About the Report

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1. Program

Question 1

Revisit Later

How to Attempt?

Addition using Strings: Write a function that takes two numbers in string format and forms a string containing the sum (addition) of these two numbers.

Assumption(s):

- The input strings will contain only numeric digits
- The input strings can be of any large lengths
- The lengths of the two input string need not be the same
- The input strings will represent only positive numbers

For example –

- If input strings are "1234" and "56", the output string should be "1290"
- If input strings are "56" and "1234", the output string should be "1290".
- If input strings are "123456732128989543219" and "987612673189652", the output string should be

Attempted: 1/1

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 String addNumberStrings(String input1,String input2){
9         // Read only region end
10        int carry=0;
11        if(input1.length()<input2.length()){
12            String temp="";
13            temp=input1;
14            input1=input2;
15            input2=temp;
16        }
17        int len1=input1.length();
18        int len2=input2.length();
19        String str="";
```

☐ Use Custom Input

Compile and Test

Submit Code

1. Program

Question 1

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Attempted: 1/1

JAVA7

Compiler: Java - 1.7

```
18 int len2=input2.length();
19 String str="";
20 int j=len2-1;
21 for(int i=0;i<len1;i++){
22     int a=Character.getNumericValue(input1.charAt(len1-1-i));
23     int b=0;
24     if(j>=0){
25         b=Character.getNumericValue(input2.charAt(j));
26         j--;
27     }
28     int sum=a+b+carry;
29     carry=sum/10;
30     int init=sum%10;
31     str=Integer.toString(init)+str;
32     if(i==len1-1 && carry>0){
33         str=Integer.toString(carry)+str;
34     }
35     return str;
36 }
```

☐ Use Custom Input

Compile and Test

Submit Code