LP_Practice_CreatePIN3

Ramya.V | 10 Feb 2023

Test Name::

LP_Practice_CreatePIN3

Finish State: Normal | Test Taken on: February 10, 2023 11:22:34 AM IST

R

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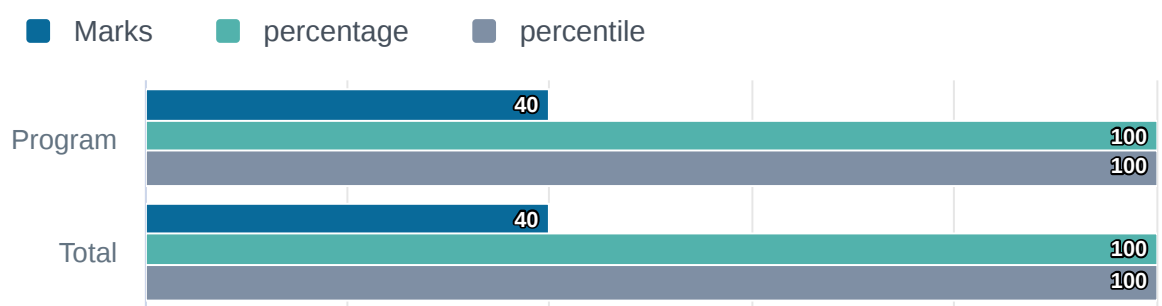
Overall Summary

40	Marks Scored	out of 40
100 %	100 percentile	out of 48939 Test Takers
3m 27s	Time taken	of 1hr 5mins

Marks Scored



Attempt Summary

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

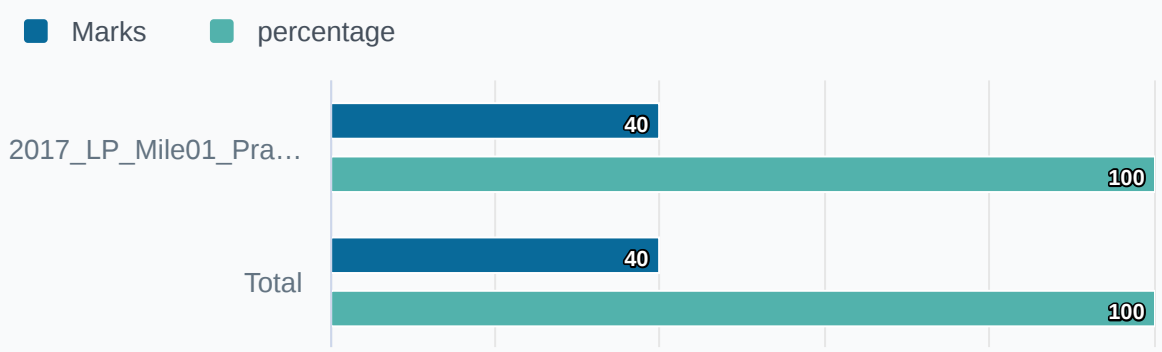
This shows the correctness of questions attempted by the test taker

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

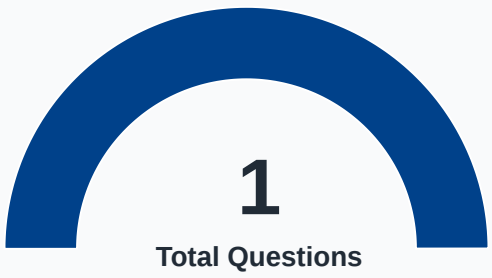
Section 1	question(s)	Time taken	Marks Scored
Program	1 Q.	3m 27s (Untimed)	40 / 40

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

10th Feb 2023

11:18 AM		Started the test with Program
11:22 AM		Finished the test

About the Report

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Ramya.V

LP_Practice_CreatePIN3 / Saved: 30 seconds ago

Test Time: 01:02:37 Finish Test

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

How to Attempt?

pCreate PIN using three given input numbers

"Secure Assets Private Ltd", a small company that deals with lockers has recently started manufacturing digital locks which can be locked and unlocked using PINs (passwords). You have been asked to work on the module that is expected to generate PINs using three input numbers.

Assumptions: The three given input numbers will always consist of three digits each i.e. each of them will be in the range >=100 and <=999

100 <= input1 <= 999

100 <= input2 <= 999

100 <= input3 <= 999

Below are the rules for generating the PIN -

- The PIN should be made up of 4 digits
- The unit (ones) position of the PIN should be the least of the units position of the three input numbers
- The tens position of the PIN should be the least of the tens position of the three input numbers
- The hundreds position of the PIN should be the least of the hundreds position of the three input numbers
- The thousands position of the PIN should be the maximum of all the digits in the three input numbers

Example 1 -

input1 = 123

input2 = 582

input3 = 175

then, PIN = 8122

JAVA8 | 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 createPIN(int input1,int input2,int input3){
9          // Read only region end
10         int arr[]={input1,input2,input3};
11     int max=0,min;
12     double sum=0.0;
13     double place=1.0;
14     int num;
15     for(int i=0;i<3;i++)
16     {
17         num=arr[i];
18         while(num!=0)
19         {
20           int r=num%10;
21             if(r>max)
22                 max=r;
23             num=num/10;
24         }
25     }
26     for(int i=0;i<3;i++)
```

Use Custom Input

Compile and Test | Submit Code

1. Program

1

Attempted: 1/1

Question 1

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How to Attempt?

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Example 1 -

input1 = 123

input2 = 582

input3 = 175

then, PIN = 8122

JAVA8 | Compiler: Java - 1.8

```
18          while(num!=0)
19          {
20            int r=num%10;
21              if(r>max)
22                  max=r;
23              num=num/10;
24          }
25      }
26      for(int i=0;i<3;i++)
27      {
28           min=99;
29            for(int j=0;j<3;j++)
30            {
31                int rem=arr[j]%10;
32                if(rem<min)
33                  min=rem;
34                  arr[j]/=10;
35            }
36            sum=(min+(sum/place));
37            sum*=place;
38            place*=10;
39      }
40        return (int)(max*1000+sum);
41      }
42  }
43
```

Use Custom Input

Compile and Test | Submit Code

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

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100 <= input1 <= 999
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Below are the rules for generating the PIN -
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Example 1 -
input1 = 123
input2 = 582
input3 = 175
then, PIN = 8122

Default 2

CODE EXECUTION DETAILS
Time: 324 ms
Memory: 103812 kb

TEST CASE INFORMATION
Input
190,267,853
Expected Output
9150
Actual Output
9150

CONSOLE OUTPUT

STANDARD ERROR/WARNING
None

Default 1