LP_Practice_MostFreqOccurDigit

Sasi | 11 Feb 2023

Test Name::

LP_Practice_MostFreqOccurDigit

Finish State: Normal | Test Taken on: February 11, 2023 10:35:44 PM IST

S

Sasi

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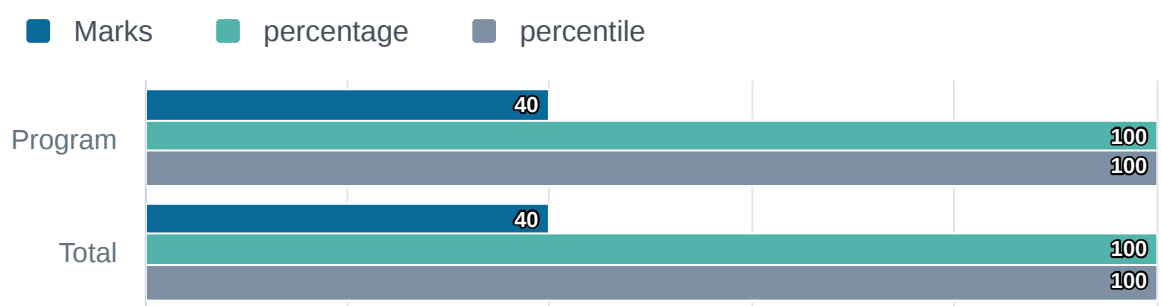
Overall Summary

40	Marks Scored	out of 40
100 %	100 percentile	out of 34816 Test Takers
2m 45s	Time taken	of 1hr 20mins

Marks Scored



Attempt Summary

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

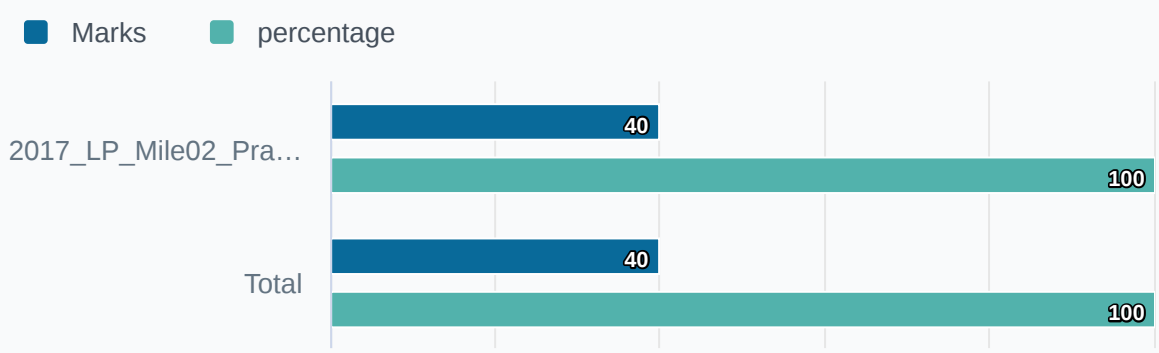
This shows the correctness of questions attempted by the test taker

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

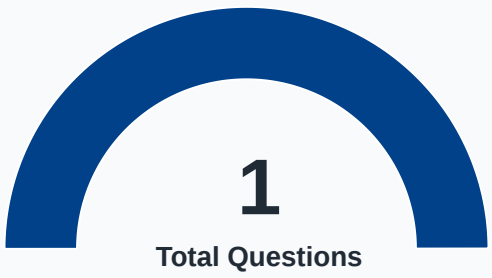
Section 1	question(s)	Time taken	Marks Scored
Program	1 Q.	2m 45s (Untimed)	40 / 40

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

11th Feb 2023

10:32 PM		Started the test with Program
10:35 PM		Finished the test

About the Report

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Mercer | mettl

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LP_Practice_MostFreqOccurDigit / Saved: 0 seconds ago

Test Time: 01:18:26

Finish Test

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

How to Attempt?

Find the Most Frequently Occurring Digit in a series of numbers.
Kamal is a data analyst in a lottery management organization.
One of the tasks assigned to Kamal is to find the Most Frequently Occurring Digit in a series of input numbers.
Below are a couple of examples to illustrate how to find the Most Frequently Occurring Digit in a series of input numbers.

Example1 –
If the series of input numbers are [1237, 262, 666, 140]
We notice that,
0 occurs 1 time
1 occurs 2 times
2 occurs 3 times
3 occurs 1 time
4 occurs 1 time
5 occurs 0 times
6 occurs **4** times
7 occurs 1 time
8 occurs 0 times
9 occurs 0 times

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 mostFrequentlyOccurringDigit(int[] input1,int input2){
9          // Read only region end
10             int[] arr=new int[10];
11     for(int i=0;i<input2;i++){
12       while(input1[i]!=0){
13       int rem=input1[i]%10;
14       arr[rem]++;
15       input1[i]/=10;
16      }}
17     int max=0;
18     int higest_occur_number=0;
19     for(int i=0;i<10;i++){
```

int UserMainCode.mostFrequentlyOccurringDigit(int[] input1, int input2)

Use Custom Input

Compile and Test | Submit Code

Mercer | mettl

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LP_Practice_MostFreqOccurDigit / Saved: 30 seconds ago

Test Time: 01:18:02

Finish Test

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

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JAVA7 | Compiler: Java - 1.7

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8       public int mostFrequentlyOccurringDigit(int[] input1,int input2){
9           // Read only region end
10            int[] arr=new int[10];
11      for(int i=0;i<input2;i++){
12        while(input1[i]!=0){
13        int rem=input1[i]%10;
14        arr[rem]++;
15        input1[i]/=10;
16       }}
17      int max=0;
18      int higest_occur_number=0;
19      for(int i=0;i<10;i++){
20       if(arr[i]>=max)
21       {max=arr[i];
22         higest_occur_number=i;
23       }}
24      return higest_occur_number;
25          }}
```

Use Custom Input

Compile and Test

Submit Code