

# LP\_Practice\_MostFrequentDigit

Sasi | 09 Feb 2023



Finish State: Normal

Test Taken on: February 09, 2023 10:27:40 PM IST



Sasi

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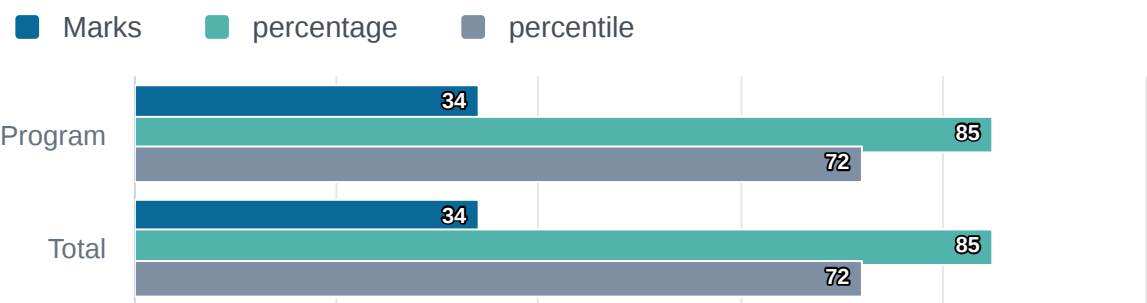
Overall Summary

34 Marks Scored  
out of 40

85 % 71.51 percentile  
out of 46857 Test Takers

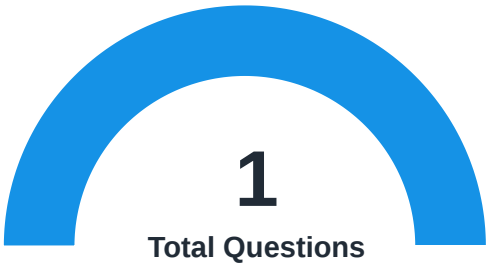
2m 56s Time taken  
of 1hr 5mins

Marks Scored



Attempt Summary

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



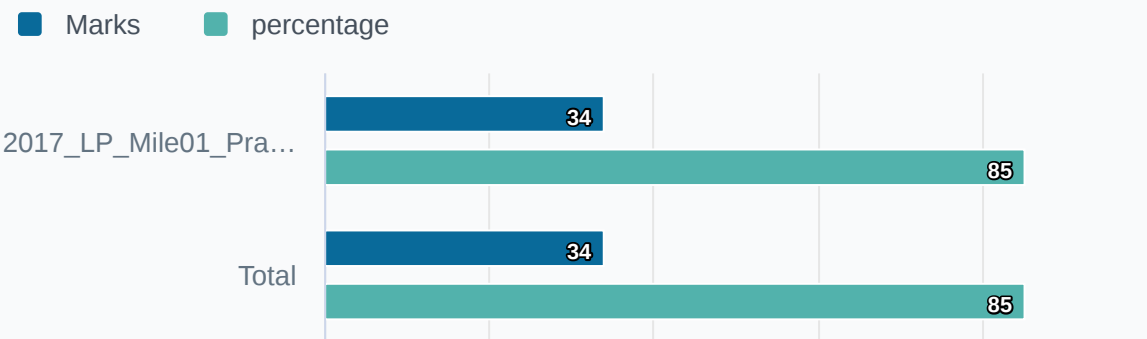
This shows the correctness of questions attempted by the test taker

Correct	0 Ques	0/0 Marks
Incorrect	0 Ques	0/0 Marks
Partially Correct	1 Ques	34/40 Marks
Not Attempted	0 Ques	0/0 Marks

Section-Wise Details

▼ Section 1 Program	question(s) 1 Q.	Time taken 2m 56s (Untimed)	Marks Scored 34 / 40
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Marks Scored



Attempt Summary

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




■ Partially Correct	1 Ques	34/40 Marks
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This shows the correctness of questions attempted by the test taker


Test Log

9th Feb 2023

- 10:23 PM



Started the test with Program
- 10:26 PM



Finished the test

## About the Report

This Report is generated electronically on the basis of the inputs received from the assessment takers. This Report including the AI flags that are generated in case of availing of proctoring services, should not be solely used/relied on for making any business, selection, entrance, or employment-related decisions. Mettl accepts no liability from the use of or any action taken or refrained from or for any and all business decisions taken as a result of or reliance upon anything, including, without limitation, information, advice, or AI flags contained in this Report or sources of information used or referred to in this Report.



1. Program



1



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 int MostFrequentDigit(int input1,int input2,int input3,int input4)
9     // Read only region end
10     {
11         int arr[]={input1,input2,input3,input4};
12         int temp[]=new int[10];
13         int num;
14         for(int i=0;i<arr.length;i++)
15         {
16             num=arr[i];
17             while(num!=0){
18                 int n=num%10;
19                 temp[n]++;
20                 num/=10;
21             }
22         }
23     }
24 }
```

☐ Use Custom Input

Compile and Test

Submit Code

## Question 1

[Revisit Later](#)

### How to Attempt?

**Most Frequent Digit** – You need to find which digit occurs most number of times across the four given input numbers.

The prototype of the function is:

**int MostFrequentDigit (int input1, int input2, int input3, int input4);**

where,

**input1, input2, input3** and **input4** are the four given input numbers.

The function is expected to find and return the most frequent digit.

Example1 –

If input1=123, input2=234, input3=345, input4=673

We see that across these four numbers,

1, 5, 6 and 7 occur once,

2 and 4 occur twice, and

3 occurs four times.

Therefore, 3 is the most frequent digit and so the function must return 3

**NOTE:** If more than a digit occurs the same number of *most* times,



80°F  
Partly cloudy



Search

ENG  
IN

22:25

09-02-2023





## 1. Program



1



## Question 1

Revisit Later

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Attempted: 1/1

```
14 for(int i=0; i<arr.length; i++)
15 {   num=arr[i];
16     while(num!=0){
17         int n=num%10;
18         temp[n]++;
19         num/=10;
20     }
21     int max=-1;
22     int x=0;
23     for(int i=0; i<temp.length; i++){
24         if(temp[i]>=max){
25             max=temp[i];
26             x=i;
27         }
28     }
29     return x;
30 }
```

☐ Use Custom Input

Compile and Test

Submit Code

Code Execution Code History

0/1 - Sample Test Cases Failed

80°F  
Partly cloudy

Search

ENG  
IN22:26  
09-02-2023