

# LP\_Practice\_MostFreqOccurDigit

Ramya.V | 12 Feb 2023



Finish State: Normal

Test Taken on: February 12, 2023 07:02:56 PM IST



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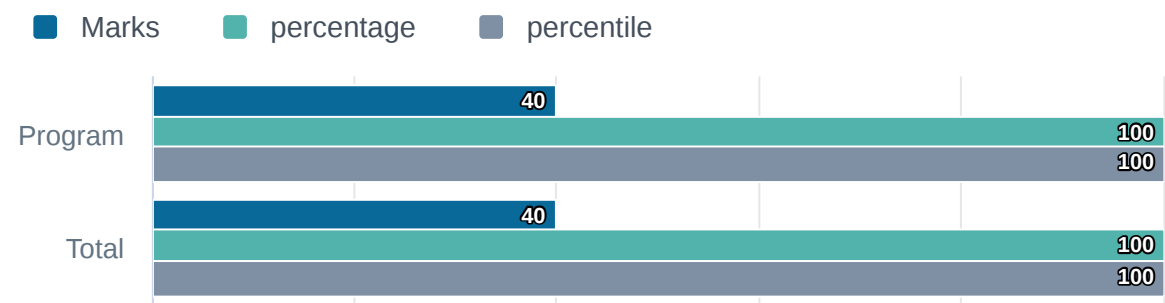
Overall Summary

40 Marks Scored  
out of 40

100 % 100 percentile  
out of 34894 Test Takers

4m 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 Program	question(s) 1 Q.	Time taken 4m 45s (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

12th Feb 2023


- 06:56 PM




Started the test with Program
- 07:00 PM



Away from test window
- 07:00 PM



Away from test window
- 07:00 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

## 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

We observe that –

- 4 is the highest frequency in this series, and,
- 6 is the digit that occurs 4 times.

Thus, the Most Frequently Occurring Digit in this series is 6.

1

Attempted: 1/1

JAVA7

Compiler: Java - 1.7

```
7
8     public int mostFrequentlyOccurringDigit(int[] input1,int input2){
9         // Read only region end
10
11         int[] arr=new int[10];
12         for(int i=0;i<input2;i++)
13         {
14             while(input1[i]!=0){
15                 int rem=input1[i]%10;
16                 arr[rem]++;
17                 input1[i]/=10;
18             }
19         }
20         int max=0;
21         int higest_occur_number=0;
22         for(int i=0;i<10;i++)
23         {
24             if(arr[i]>=max)
25             {max=arr[i];
26               higest_occur_number=i;
27             }
28         }
29         return higest_occur_number;
30     }
31 }
32
```

☐ Use Custom Input

i

Compile and Test

Submit Code

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

We observe that –

- 4 is the highest frequency in this series, and,
- 6 is the digit that occurs 4 times.

Thus, the Most Frequently Occurring Digit in this series is 6.

## ✓ Default

## ⌚ CODE EXECUTION DETAILS

Time: 160 ms

Memory: 103812 kb

## ⌘ TEST CASE INFORMATION

Input

{1237,202,666,140},4

Expected Output

6

Actual Output

6

## &gt;\_ CONSOLE OUTPUT

## 📄 STANDARD ERROR/WARNING

None

## ✓ Default