

1. Program

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

Attempted: 1/1

☐ Use Custom Input

i

Compile and Test

Submit Code

Code Execution Code History

0/4 - Graded Test Cases Failed

✓ TC 4

✓ TC 3

✓ TC 2

✓ TC 1

1. Program

&lt; 1 &gt;



Attempted: 1/1

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JAVA7

Compiler: Java - 1.7

```
15         int rem=input1[i]%10;
16         arr[rem]++;
17         input1[i]/=10;
18     }
19     }
20     int max=0;
21     int highest_occur_number=0;
22     for(int i=0;i<10;i++)
23     {
24         if(arr[i]>=max)
25         {
26             max=arr[i];
27             highest_occur_number=i;
28         }
29     }
30     return highest_occur_number;
31 }
32 }
33 }
```

☐ Use Custom Input

Compile and Test

Submit Code