

1. Program

1

Attempted: 1/1

1/9 - Graded Test Cases Failed

✔️ Test case 1

✔️ Test case 2

✔️ Test case 3

✔️ Test case 4

✔️ Test case 5

✔️ Test case 6

✔️ Test case 7

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,

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JAVA7

Compiler: Java - 1.7

```
18         int n=num%10;
19         temp[n]++;
20         num/=10;
21     }
22 }
23 int max=-1;
24 int x=0;
25 for(int i=0;i<temp.length;i++)
26 {
27     if(temp[i]>=max)
28     {
29         max=temp[i];
30         x=i;
31     }
32 }
33 return x;
34 }
35 }
```

☐ Use Custom Input

ⓘ

Compile and Test

Submit Code