Lab 1

Turn In:

1. Exercise #1 – Due in class on Tuesday, February 2, 2016
    a) For each exercise, a hardcopy package must be generated to include the following items:
        - Cover Sheet (use the sample copy include in class/lecture note)
        - Exercise/problem statement
        - Copy of your source file (C++ program named as **`cis25Spring2016YournameLab1Ex1.cpp`**)
        - Copy of output (copy and paste to the end of your program as COMMENT block)
        - Copy of YOUR COMMENTS (as a separate comment block) after YOUR PROGRAM OUTPUT
    b) Submitting in class one hard copy for each document
    c) Emailing each document as follows,
        - One message for each exercise.
        - Attaching the source file that was created in part a).
        - The SUBJECT line of the message should have one of the following lines:

          `CIS 25 Spring 2016 Your Name : Lab 1 – Exercise #1`

          Or,

          `cis25Spring2016YourNameLab1Ex1.cpp`

3. Q.E.D.

1. Coding Assignment

Exercise #1

Write a function named as `getLeastOccurredDigit()` that will

- Receive an integer as argument; and
- Return the digit that would be seen the least number of times in the given argument – Least Occurred Digit (LOD).

Hints! See and study the output given in Output #1 below.

OUTPUT #1

A CPP program named as `cis25Spring2016YourNameLab1Ex1.cpp` that will call `getLeastOccurredDigit()` 6 times to produce the following output.

```
Preparing to Call #1 --
Enter an integer: -45588524
Calling getLeastOccurredtDigit() --
A LOD in -45588524 is 2.

Preparing to Call #2 --
Enter an integer: 213
Calling getLeastOccurredtDigit() --
A LOD in 213 is 1.

Preparing to Call #3 --
Enter an integer: 42351654
Calling getLeastOccurredtDigit() --
A LOD in 42351654 is 1.

Preparing to Call #4 --
Enter an integer: -555
Calling getLeastOccurredtDigit() --
A LOD in -555 is 5.
```

```
Preparing to Call #5 --
Enter an integer: 6111666
Calling getLeastOccurredtDigit() --
A LOD in 611166 is 1.

Preparing to Call #6 --
Enter an integer: 0
Calling getLeastOccurredtDigit() --
A LOD in 0 is 0.
```