

## PRG 155 -Programming Fundamentals Using C

### LAB #7

Write a working C program using **while** or **do-while** loop that will do the following:

1. Include comments at the beginning of the program as shown below:

```
/*  
    program: lab7.c  
    author:  firstName, lastName  
    date:    today's date  
    purpose: using while/do-while loop  
*/
```

2. Ask the user to continue entering positive integer numbers until zero (**0**) is entered.
  - a. If zero (0) is entered, program will execute steps described as item #4 and the program will end.
  - b. If a negative number is entered, user is prompted to enter a new number.
3. If a valid number is entered, the program will determine the **count**, **minimum**, **maximum**, **sum** and **average** of all valid numbers entered so far.
4. When zero (0) is entered, program will display all results (count, minimum, maximum, sum, and average) if **count** is greater than zero (0), and the program will end.
5. Show your work to instructor.
6. Save program as **lab8.c** and submit it electronically on the Blackboard.