Name: _____ Date of demonstration: _____ Marks earned: /5

LAB 6 (Due by 10 AM on November 04)

Maximum Points: 5, Weight: 5%

To complete the lab, please follow the instructions below. Not following these instructions may result in deduction of marks.

1. To receive any credit, you need to:
    a. Demonstrate your work during the week 10 lab; Please print this handout, write your name and date of demonstration, and bring the printout with you for demonstration;
    b. Upload your work to eConestoga as instructed in step 2 by the deadline.
2. Once you complete this lab, add weekly status report to the Visual Studio solution folder. Compress the entire solution folder to create a file with ".zip" extension. Upload the "zip" file to the appropriate assignment folder on eConestoga. You will not receive any credit if you fail to upload this file, even if you have finished and demonstrated your work. No credit is awarded without demonstration.
3. At the top of each C file, add your name and date of program creation.
4. Any variables or functions you create must be named following "camelCase" notation. Variables must be initialized before use. In case of multiple variables, define only one variable per line.
5. Program the following in one C file:
    a. [2.5 points] Create a function (you can call it minMax) that accepts three integer parameters using int data type. This function finds the maximum and the minimum of the three integers. This function must not print anything to the console. In the main function, prompt the user for three integer values and pass these values to the minMax function. After calling minMax function only once from the main function, print the maximum and minimum values from the main function. The main function should not perform the maximum and minimum calculations. Instead, it should rely on the call to the minMax function to find the maximum and minimum values. You must use pointers to do this part. You may not use array(s). Not using pointers to do this part will result in zero credit.
    b. [2.5 points] Create another function that swaps the values of two integers. This function must not print anything to the console. This function must be called only once from the main function. The main function first prompts the user for two integer values to store them in two int variables. From the main function, print the values of the two variables on the console. From the main function, print them again, after calling the "swap" function. You should see the two values swapped between the two variables. You must use pointers to do this part. You may not use array(s). Not using pointers to do this part will result in zero credit.

Please be prepared to answer any questions during the demo. You are expected to correctly understand your programs. Any lack of understanding may result in deduction of points.