**Name: Session:**

**Programming I**

**Lab Exercise 9.23.2019**

Using Python, solve the following problems. Print out your documented source code, attach to this sheet, and turn in. Your source code should have at minimum the following documentation:

#Name of program (i.e. Lab Exercise 9.23.2019 Problem 1)

#Author: Mary Wilson

#Brief description of program

1. Write a program to ask the user for five names. The program should store the names in a list, and print them all out at the end. It should look somethinglike this:

Enter 5 names:

Tony

Paul

Nick

Michel

Kevin

The names are Tony Paul Nick Michel Kevin

1. Modify the program from question #1 to print both the original list of names and a sorted list.
2. Modify the program from question #1 to display only the third name the user typed in, like this:

The third name you entered is: Nick

1. Modify the program from question #1 to let the user replace one of the names. She should be able to choose which name to replace, and then type in the new name.Finally, display the new list like this:

Enter 5 names:

Tony

Paul

Nick

Michel

Kevin

The names are Tony Paul Nick Michel Kevin

Replace one name. Which one? (1-5): 4

New name: Peter

The names are Tony Paul Nick Peter Kevin