**Name: Session:**

**Programming I**

**Lab Exercise 9/19/2019**

**More Functions and String Methods**

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

#Name of program (i.e. Lab Exercise 9.19.2019 Problem 1)

#Author: Mary Wilson

#Brief description of program

1. Write a program that contains a function to return the smallest of 3 numbers passed to it. Use the following function signature:

def smallest(x, y, z):

1. Write a program that contains a function that returns the average (a floating point number) of three numbers passed to it. Use the following function signature:

def average(x, y, z):

1. Write a program that contains a function that returns True if the arguments are sorted (ascending). Use the following function signature:

def sorted(x, y, z):

1. Write a program that contains a function that returns a string containing the middle character in the string if the length of the string is odd, or the middle two characters if the length is even. For example, middle(“middle”) will return “dd”. Use the following function signature:

def middle(string):

1. Write a program that contains a function that returns the count of all vowels in the string. Use the following function signature:

def countVowels(string):

1. Write a program that contains a function that returns the count of all words in the string. Use the following function signature:

def countWords(string):