**COSC 1436- Spring 2015**

**Lab/Program #2- Chapter 4**

**Total Points: 10**

Implement the following as a C++ program for full credit. Please upload only the .cpp file.

Write a C++ program that prompts the user to input the x-y coordinates of a point on a Cartesian

plane. The program should then output a message indicating whether the point is the origin, is located on the x or y axis, or appears in a particular quadrant. For example:

(0, 0) is the origin

(4, 0) is on the x-axis

(0, -3) is on the y-axis

(-2, 3) is in quadrant two

Output should look similar to below.

**Sample Run:**

Enter the x coordinate: 4

Enter the y coordinate: 5

The point (4, 5) is in quadrant I

Do not check for invalid inputs. Name your program: CoordinateXX.cpp, where XX are your initials.