Homework #1 (5 points)

1. Write a program called area.cpp in your /home/<name> directory
2. Write a method that takes 2 double parameters and returns a double, call the method 'calcArea'.
3. Method calcArea() will calculate the area of a shape from the length and width passed to the method.
4. Call calcArea() from the main method in area.cpp.
5. Take 2 double datatype inputs from the user to pass to method calcArea() within main().
6. Output the result of calcArea() within main(), with a descriptive output String telling the user what your program is displaying.

Pseudocode:

//main method

//get input from user

//call method calcArea() and pass in user input

// display result of calcArea() with a descriptive message explaining the result

/* calcArea method prototype, be sure to comment method purpose, precondition, postconditions, return value and anything else you deem necessary */

double calcArea(double l, double w)

Note:

Homework 1 demonstrates students’ ability to connect to campus linux account through ssh, write a syntactically correct C++ program, write a C++ method, descriptive commenting for method headers, compile and execute a C++ program using command line.