Homework 3 – Week 5

You are to create a House with 2 rooms in the house. The following is an example of C++ code for the basic classes:  \*\*in Java, it may be written differently\*\*

class Room

{

private:

double L;

double W;

public:

//functions go here.

}

class House

{

private:

Room room1;

Room room2;

public:

//functions go here

}

The code above is C++ version. In java, you must make the variables private. Look up on chapter 3 if you have difficulty with this assignment and dont forget to use the "new" command. Basic Example: House h = new House();

\*Make sure each class is in its own file with the correct functions and data types\*

The program will basically ask the user to input a L and W for a room, then ask for L and W for the other room.  It will then calculate which of the two rooms is bigger.  It should assign the bigger room to the parents and smaller room to children.  State:  "parents get room #\_ of size \_\_", "children get room #\_ of size \_\_".

Make sure to actually use the class objects for this program.  Not using the object will result in a zero.  (this means the class object has functions which have access to the private variables of the class, use them).

When you are done, compress the folder and attach it. \*Right click folder, Send To, Compressed (zipped) folder\*