

CSIS 1410
Object Oriented Programming
Homework 0

Due: No submission required

The Assignment:

The Rectangle class

Design a class named Rectangle to represent a rectangle, which contains

- Two double data fields named width and height that specify the width and height of the rectangle. The default values are 1.
- A no-arg constructor that creates a default rectangle.
- A constructor that creates a rectangle with the specified width and height.
- A method named getArea() that returns the area.
- A method named getPerimeter() that returns perimeter.

Draw the UML diagram for the class and then implement the class. Write a test program that creates two Rectangle objects: one 4 x 40 and the other 3.5 x 35.9. Display the width, height and perimeter of each rectangle.

Administration:

This assignment is for your review only and will not be scored.

Students are expected to do their own work.
If programs turned in are so similar that it is obvious one has been copied from the other,
students involved will receive a zero on the assignment in question.