

## CS583: Object-Oriented Testing

### Assignment 2

#### Rectangle

Points: 10

Due: 9/15/2015

**Objective:** The student will gain experience in writing unit tests.

#### Assumptions:

1. You will be assigned to a team. You may collaborate outside your team.
2. Use Eclipse.

#### Background:

The project manager asks you to test code (Rectangle) that is part of a larger mathematics application. This application is not a critical application. This code was written by someone on the development team. You will test the code using JUnit and include your test results in a document to be emailed to the QA manager for his report.

#### Procedure:

1. Download Rectangle.zip and unzip on your PC.
2. Run JUnit. Output test results.

#### Optional:

1. Write additional [positive and negative unit tests](#).
2. [Correct test methods that are incorrectly coded](#).

#### Deliverables:

1. Everyone: submit to Assignments link for Assignment 2: **Rectangle** screen shots of test results.
2. Include descriptive text for each screenshot.
3. Indicate your responses to the following objectives:
  - 1) what is your test plan? write a bulleted list [that consists of some ideas you have on testing this code](#)
  - 2) how many positive tests did **you** write?
  - 3) how many negative tests did **you** write?

**Optional Extra Credit: Instructions given in class.**

#### Contact Info:

Larry McCartney  
Click the Email function.