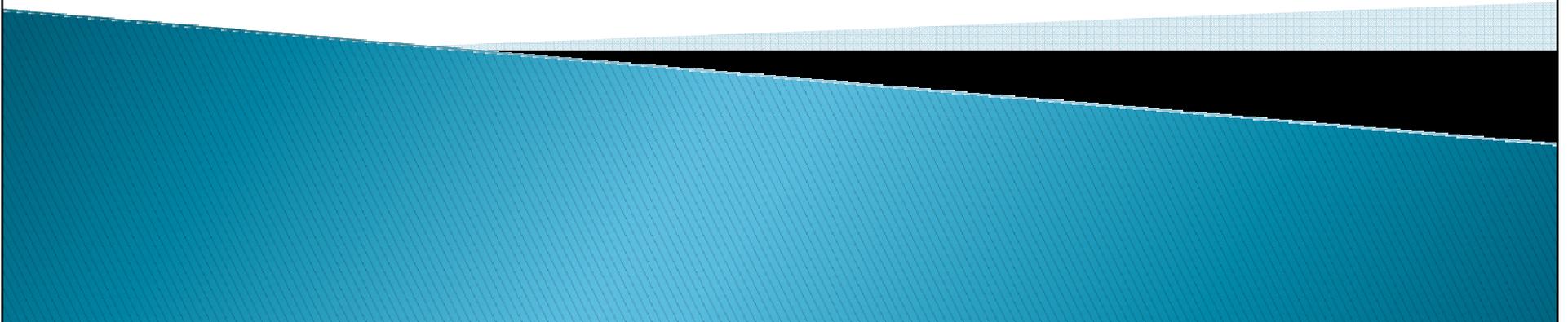


CSSE 220 Day 4

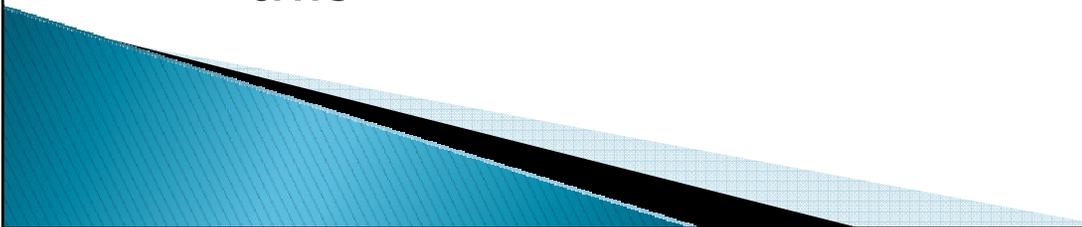
The Objects of this course ...



Getting set up for today's work

- ▶ Check out the **PointRectCircle** project from your repository in Eclipse.
- ▶ In it, create three new public classes:
 - **Point**
 - **Rectangle**
 - **Circle**
- ▶ Learn by doing today (whole class; no quiz)

Objects and Classes: By example, not by declaration

- ▶ By the time we finish this exercise, you should know experientially the meanings of these terms:
 - object
 - class
 - instance
 - field
 - method
 - constructor
 - private (information hiding)
 - encapsulation
 - this
- 

Javadoc

- ▶ Provides a convenient way to generate documentation directly in our code
 - similar to Python's "doc strings", but more flexible
- ▶ Look at Javadoc output for the String class.
- ▶ We will write javadoc comments and create the HTML files as we go along in our example today.
- ▶ Look at the documentation of the Point, Rectangle, and Circle classes (accessible from the Schedule page).
- ▶ We will write those classes. Start with Point.

Homework 4

- ▶ Read
- ▶ Finish PointRectCircle (see spec)

