Overview of Week 5

#	Date	Lectures	iPad Notes	Study Materials
5	WED, Oct 13 to TUE, Oct 19	▶ **Playlist for Week 5** • Week 5 - Intro • Lecture 3 - Part A - To **Override** or Not to Override • Lecture 3 - Part B - V1: Default equals method • Lecture 3 - Part C1 - V2: Comparing References • Lecture 3 - Part C2 - V2: Dynamic Types • Lecture 3 - Part C3 - V2: Type Casting • Lecture 3 - Part C4 - V2: Example 1 & Debugger • Lecture 3 - Part C5 - V2: Example 2 & Comparison • Lecture 3 - Part D - **assertSame** vs. **assertEquals** in JUnit • Lecture 3 - Part E - Asserting Reference vs. Object Equality • Lecture 3 - Part F - (*Optional Review*) Short-Circuit Effect of Logical Operators • Lecture 3 - Part G1 - Exercise: equals for Single-Valued Attributes • Lecture 3 - Part G2 - Exercise: equals for Multi-Valued Attributes • Lecture 3 - Part H1 - Asserting Equality on Single-Valued Attributes • Lecture 3 - Part H2 - Asserting Equality on Multi-Valued Attributes	📝 Intro 📝 Notes	• Slides ▪ Lecture 3: Object Equality ▪ Lecture 3: Object Equality [4-up] • Questions? ▪ Post Your Questions in this Document. • Source Code ▪ Testing Equality: Points vs. Persons

Learning Objectives of Week 5

- **Object Equality**: To **Override** or **Not** to Override → *default: equals from Object class*
- Asserting Equality in JUnit: **assertSame** vs. **assertEquals**
- (**Optional Review**) Short-Circuit Effect of Logical Operations
- Defining Equality for **Reference-Typed** Attributes
  - ↳ *single-value*
  - ↳ *multi-value*

Milestones of Week 5

- Submit **Lab2** *2pm.*
- **Catching Up**: Lectures (2b)
- **Look Ahead**: Written Test 2 & Programming Test 2 (see calendar)!