

Overview of Week 9

#	DATE	LECTURES	IPAD NOTES	STUDY MATERIALS
9	MON, Mar 15 to SUN, Mar 21	<p> Playlist for Week 9</p> <ul style="list-style-type: none">• Week 9 - Intro• Lecture 4 - Part F1 - Static Variables: <u>Syntax and Semantics</u>• Lecture 4 - Part F2 - Static Variables: <u>Automatic Account IDs</u>• Lecture 4 - Part F3 - Static Variables: Error - <u>Static Counter</u> for Array-Typed Attributes• Lecture 4 - Part F4 - Static Variables: Error - <u>Referencing Non-Static Variables in a Static Method</u>✓ Lecture 4 - Part G - <u>Removing "Code Smell"</u> via Helper Methods	<p> INTRO</p> <p> NOTES</p>	<ul style="list-style-type: none">• <u>Weekly Java Tutorials</u><ul style="list-style-type: none">▪ <u>Week 9 Part A1 to Part B4</u>▪ iPad notes → <i>Android Studio</i>• <u>Slides</u><ul style="list-style-type: none">▪ <u>Lecture 4: Classes and Objects (Slides 68 to 88)</u> [last updated: Mar 14]▪ Lecture 4: Classes and Objects [4-up]• <u>Questions?</u><ul style="list-style-type: none">▪ <u>Post Your Questions in this Document.</u>• <u>Source Code</u><ul style="list-style-type: none">▪ (Part of) Lecture 4 Examples [last updated: Mar 14]▪ Practice the assigned debugger exercises.• <u>Required Written Notes</u><ul style="list-style-type: none">▪ <u>Declaring and Manipulating Reference-Typed, Multi-Valued Attributes</u>• <u>Extra Practice from EECS1021-W19</u><ul style="list-style-type: none">▪ <u>Video 34 to Video 46</u> (classes and arrays)

Lectures Site:

https://www.eecs.yorku.ca/~jackie/teaching/lectures/index.html#EECS1022_W21

Learning Objectives of Week 9

- Static Variables vs. Non-Static Variables
- Use of Static Variables for Generating Account IDs
- Static Counter for Array-Typed Attributes
- Referencing Non-Static Variables from Static Methods
- Code Smell vs. Helper Methods

Milestones of Week 9

- Start Lab7
- Complete Java Tutorial Week 09 Parts A1 to B4
- Complete Lecture Series W9
- Written Notes:
 - + Manipulating Reference-Typed, Multi-Valued Attributes
- Extra Practice:
 - + Classes & Objects: Videos 34 - 46 of Java Tutorial (W19)