Overview of Week 2

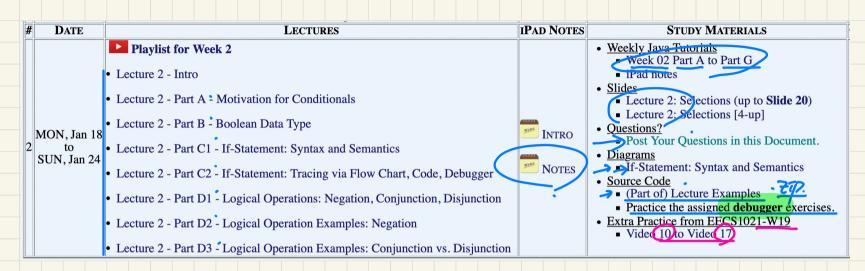| #	DATE	LECTURES	iPAD NOTES	STUDY MATERIALS
2	MON, Jan 18 to SUN, Jan 24	▶ **Playlist for Week 2** • Lecture 2 - Intro • Lecture 2 - Part A - Motivation for Conditionals • Lecture 2 - Part B - Boolean Data Type • Lecture 2 - Part C1 - If-Statement: Syntax and Semantics • Lecture 2 - Part C2 - If-Statement: Tracing via Flow Chart, Code, Debugger • Lecture 2 - Part D1 - Logical Operations: Negation, Conjunction, Disjunction • Lecture 2 - Part D2 - Logical Operation Examples: Negation • Lecture 2 - Part D3 - Logical Operation Examples: Conjunction vs. Disjunction	📔 INTRO 📔 NOTES	• Weekly Java Tutorials ▪ Week 02 Part A to Part G ▪ iPad notes • Slides ▪ Lecture 2: Selections (up to **Slide 20**) ▪ Lecture 2: Selections [4-up] • Questions? ▪ Post Your Questions in this Document. • Diagrams ▪ If-Statement: Syntax and Semantics • Source Code ▪ (Part of) Lecture Examples ▪ Practice the assigned **debugger** exercises. • Extra Practice from EECS1021-W19 ▪ Video 10 to Video 17

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Lectures Site:

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

Learning Objectives of Week 2

- Motivation of Conditionals
- Boolean Data Type (True vs. False)   int double char String
- Logical Operations: Negation, Conjunction, Disjunction
- Relational Expressions vs. Logical Expressions
- If-Statement: Syntax and Semantics
- Tracing Code: On code (paper) vs. On visualizer (debugger)

Milestones of Week 2

- Get ready for Lab2
- Complete Lab1
- Complete Java Tutorial Week 02 Parts A to G ①
- Complete Lecture Series W2 ②
- Extra Practice: Videos 10 - 17 of Java Tutorial (W19)