

**CS 501 E1, E2**  
**Assignment 3**  
**Fall 2022**

**Readings:**

- Review Chapter 2.
- Read Chapter 3.
- Pre-Read Chapter 4.

**Short answer(s) and simple programming task(s).**

After performing the readings and reviewing your lecture notes. Answer the following Questions from the text.

**Chapter 2:**

**Simple Programming Task(s):** 2.23, 2.29 (Disregard the piece about including a model).

**Chapter 3:**

**Multiple Choice/Short Answer Problem(s):** 3.1-3.12;

**Worksheet Problems:**

Complete the worksheet discussed in lecture with your team.

- Part 1 (Review)
- Part 2 (Logging Activity Lifecycle Events)
- Part 3 (Enhanced Temperature Converter),
- Part 4 (Flash Card App).

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**IMPORTANT: Naming conventions for Android Studio Projects.**

**It is important that there be consistency for submission of android studio projects. Please use the following naming conventions.**

1. For programming challenge(s), from the text, create one project for each problem. Give the project an intuitive name, for example, Chapter 2 Problem 23, is a programming challenge, create a project for this named "C2\_P23"
2. For programming challenge(s) from worksheets, use the same approach. For Example Worksheet 3 Parts 3 and 4, respectively, use the names, "W3\_P3", "W3\_P4").

Just make things clear, if you need to, include a readme.txt that explains what the different files are in your submission. Keep it simple.

For the short answers and multiple choice simply include these in separate document, eg, assignment3.pdf, .assignment3.txt, whatever.

**Put programming assignments on GitHub and submit the links on Blackboard.**