Assignment 2

Due

Tuesday, September 17, 2019 in lecture via hardcopy. Homework is due via hardcopy in class. Do not email homework. Next week we will begin submitting electronically.

Please write your answers clearly, or type and print them. For any programs that require programming, include your code (XML and Java) as well as screenshots of the output. *

No late or emailed assignments. Lowest grade will be dropped.

Readings

Read Chapter 1 & Chapter 2

Pre-Read Chapter 3.

Assignment (DO NOT WAIT UNTIL THE LAST MINUTE)

You may team-submit with your group for this assignment. Everyone must participate, do not coast. Be sure you understand every part of the submission.

If you collaborate be sure to clearly list the people in your group when submitting. **Do not divide and conquer, you must meet and work together to solve the problems. I will be asking questions and expect everyone to be able to answer. If you cannot do this, please work individually.**

Part 1: Short answers and simple programming tasks.

After performing the readings please solve the following short problems.

- Chapter 1, Multiple Choice/Short Answer: Problems 1.1 – 1.8;
- Chapter 2, Multiple Choice/Short Answer: Problems 2.1 – 2.10;
- Chapter 2, Programming Tasks: Problems 2.21, 2.26 *(Disregard the parts about using/including a model);*

Part 2: Worksheet 2 Problems.

Complete all of Part II, Part III (4a-4e), and all of Part IV from this weeks in class worksheet, you may exclude the Warm Up, Part 1, and Part III (4f) from the worksheet.

For Part III (4a-4e), here is the additional information needed: the list of events to log and Track, `onPause(..)`, `onStart(..)`, `onSaveInstanceState(..)`, `onRestoreInstanceState(..)`, `onResume(..)`, `onRestart(..)`, `onStop(..)` and `onDestroy(..)`. I have implemented several of these for you to get you started, reference the lecture notes on Piazza.

Your hard copy submission will include screenshots of the Apps running (with several screenshots that show the programs work), as well as the Activity's Java and XML file.

Please be sure your programs compile and run. You will be asked to quickly demo your programs for me during the next lecture.

** Note: For all of the apps, from the textbook and worksheet , you are submitting code (XML and Java) as well as screenshots of running apps. Include a few snapshots of your App running under different input scenarios, enough to make clear that your Apps work. I will ask you to run your Apps in lecture.*