CSE 417T: Homework 2  
Due: Monday, September 30th, 2019 by 9 PM  

Notes:  

- Please check the submission instructions for Gradescope provided on the course website. You must follow those instructions exactly.  
- Homework is due by 9 PM on the due date. Remember that you may not use more than 2 late days on any one homework and you only have a budget of 5 in total.  
- Please keep in mind the collaboration policy as specified in the course syllabus. If you discuss questions with others you must write their names on your submission and if you use any outside resources you must reference them. Do not look at each others’ writeups, including code.  
- There are 6 problems and 1 bonus problem on 1 page in this homework.  
- Keep in mind that problems and exercises are distinct in LFD.  

Problems:  

1. (10 points) LFD Problem 2.8  
2. (15 points) LFD Problem 2.13  
3. (10 points) LFD Problem 2.22  
4. (35 points) LFD Problem 2.24; for part (c), there is no need to submit the code you wrote to run the experiment.  
5. (15 points) LFD Exercise 3.4 parts (a)-(c) only.  
6. (15 points) LFD Problem 3.4; for part (c), you will need to read LFD Problem 1.5; you do not need to complete LFD Problem 1.5.  
7. (Bonus 5 points) Write a multiple choice question related to the content of this homework (LFD Sections 2.1.3, 2.1.4, 2.2, 2.3 and Chapter 3). Be sure to indicate the correct answer! See Lecture 2, Slides 3 and 4 for the rubric and guidelines to writing a good multiple choice question. If you write a great question, there’s a chance it will be included on the next exam!