Due: Friday, March 19th (11:59 p.m. PT.)

References are to the course textbook, except as noted.

Reminder

Project Proposals Friday, March 12th.

Reading

For Wednesday, March 10th, through Chapter 7.

For Friday, March 12th, Chapter 8.

For Wednesday, March 17th, Chapter 9.

For Friday, March 19th, Section 9.4 of Sarker and Newton (Available on-line through SFU's library.)

Please also read the preface and first chapter of *Weapons of Math Destruction* by Cathy O'Neil.

To find the chapter look under *library reserves* near the bottom of the menu on the left.

Assignment exercises to hand in

Questions must be solved in a spreadsheet, and must be accompanied by well-written solutions. You should provide full details of how you solved the problems. The `.pdf` files for each question will be submitted in Crowdmark (1 file per question), and the spreadsheets to Canvas.

1. Exercise 6.13, but replace the "Number" row of the table with digits from your student id, dropping the rightmost 0. With the numbers in the book, the problem is feasible, but with your digits it may not be.

If that is the problem is *infeasible*, you should compute the (minimum) number of ten-pound trays that Jessica needs to purchase to make the problem feasible, and explain your solution, including the number of trays purchased. On the other hand, if the problem is *feasible*, you should analyze whether Jessica can save money by purchasing additional 10 pound trays, assuming that the trays cost her $9 while serving an extra pound of lasagna costs her $4.

This problem is among the supplementary exercises.

2. Exercise 6.16. If your id number is even do the problem as stated. If it is odd, instead of Wyoming, please use New Mexico.

3. Exercises 7.4 and 7.5.

Some other exercises you should try

Additional exercises from Chapters 7 and 8 of the textbook.