Math 148 - Elementary Bio Stats

Fall 2017 Homework 04

Exercises Ch.7 on p.205: Problems #44, #50, #52

Exercises Ch.8 on p.237: Problems #24, #36

Exercises Ch.10 on p.290: Problems #26, #28, #32

Exercises Ch.11 on p.313: Problems #2, #6

a. The ch.10 exercises cannot be done unless you generate random numbers. You can do so easiest using StatCrunch or ActivStats or Excel (google excel random numbers). Your calculator also might let you generate random numbers. It's tougher to use the table in the book.

b. Note that the page number references are taken from the instructor's edition and they may be slightly off.

Exercise (Not from the book. Theme: Sampling)
Why is sampling error OK but bias is not?

all answers to the exercises above must be typed by computer, except that you may do drawings by hand (**use a ruler!**). Note though that it would be easier and faster to use a program like Excel or StatCrunch to create box plots, etc.