Assignment #1  
Due Mon, February 4th in class

This assignment covers material discussed in Chapter 1. Please show all your work and write your answers in full sentences. I encourage you to work on the first part of the assignment with other students in the class, but I expect you to write up your answers on your own.

Part 1. Exercises from Chapter 1.

1.6, 1.12, 1.16, 1.33, 1.34 (parts a and b), 1.41, 1.46, 1.48, 1.51, 1.54, 1.56, 1.57, 1.69

Part 2. Computer assignment – Searching for data

This part of the assignment asks you to collect your own data. You can either find data from the Internet, or you can go to the Library and collect printed data. The data should be for a number of cases and should measure some QUANTITATIVE variable of interest to you. If you are having a hard time coming up with a variable, I would recommend looking at the Statistical Abstract of the US or other countries for ideas. If you have an idea, but can't seem to find the right data, you should ask the reference librarians to help you find data. Once you have found the data, here is what I would like you to do:

a) Enter your data in Excel and produce a nice table. (Don't forget to identify the source)

b) Describe your variable. (What does it measure, etc.)

c) Make a graph of the variable and interpret it.

d) Use the computer to calculate the mean, mode, median and standard deviation of your variable.

e) Make a boxplot of your variable.

f) Write a paragraph about your variable incorporating what you have discovered in points b) through e).