STAT 190 Homework 2

Due Monday April 23 in class. No late homework will be accepted

1. Exercise 2.6
2. Exercise 2.20
3. For women age 25 and over in the U.S. in 1993, the relationship between age and educational level (years of schooling completed) can be summarized as follows:
   - average age $\approx 48.7$ years, SD $\approx 16.8$ years
   - average ed. level $\approx 12.5$ years, SD $\approx 3.1$ years, $r \approx -0.28$
   True or false, and explain: as you get older, you become less educated. If this statement is false, what accounts for the negative correlation?
4. Exercise 2.40
5. Exercise 2.60
6. Exercise 2.101

Read Chapter 2 of the textbook and the Excel Manual.