Homework #1
Economics 113
Fall 2010
Professor Spearot
Due Thursday, October 28th at the beginning of class.

Please include all code and computer printouts with your answers!

1. Using the Wage data from the course website, and the computer program R, summarize the variables wage, educ, and exper. Report the mean, median, max, min, and standard deviation.

2. Please regress wage on educ using the function lm(). Interpret the coefficient on educ. What is the R^2 for this regression? Please interpret R^2.

3. Please plot wage on educ using the function plot(). Please include a title with your plot using the proper components of the plot function.

4. Please plot wage on exper using the function plot(). Add in the regression line of wage on exper (lines() and predict() are helpful functions for this purpose).