Homework 7. Due Tuesday April 26.

1. Greene (7th ed.), question 9.9 (page 287).

2. Greene (7th ed.), question 9.12 (page 288).

3. Continue the computer problem from Homework 6. (Repeated here: In Gauss or Matlab, download real per capita U.S. exports, consumption, GDP, and personal income from the Bureau of Economic Analysis (BEA). Using vectors and matrices (i.e., do not use the built-in regression commands, except to check you results, if you want) regress exports on the other variables. Calculate and print the estimated coefficients (next week, we will add a lot more, using the same data). Include your code with your answers.)

This time calculate and print the sum of squared residuals, R^2, standard deviations for all coefficients, and t-statistics for all coefficients. Test if the coefficient to consumption and GDP are identical.