Wednesday 24 September - Class Session 09

Homework:
Read Budny: Sec 4.12
Programming Assignment 5: Due Wednesday 8 October (Counts as 2 assignments)

Class Activities:

1.   Workshop 14

2.   Design and code a MATLAB function that will ask the user for the name of a data file, load the data in the file, extract the x- and y- elements, ask for the independent variable name, ask for the dependent variable name, ask for the data set title, and ask about which symbol and color to use (these last two need to be combined into a single variable - how?). The function should return the x and y data points in separate vectors.
needs:
results: xdata, ydata, xname, yname, graphname, symbol

3.   Design and code a MATLAB script that calls the function from activity 1, asks user for choice of plot type (linear, semilog, log-log), and displays the requested (annotated) plot

Group assignment:
    Turn in a printed copy of your function from activity 2. Test your script by plotting the data contained in ca09dat.dat (available in the get12 directory). Print and turn in the plot that best shows a straight-line relation.