- Comment the function given in class which:

– takes as input x and y

–Plot the data fit with a smoothing spline with the default cross validation, vs the smoothing spline with 2 degrees of freedom (linear fit).

–Test the difference of fit using the F test

–Plot the normal quantile quantile plots for the residuals

- Install the ISLR package into your computer (data sets)
- Read section 5.2 in ISLR (see Syllabus) on the bootstrap. (free pdf)

In addition

- Create your own version of my.boot.smooth which includes the a plot of the linear fit to the data

–Include the plot in a document with a copy of your code

- Comment the code you were given for the class.