Monday 6 October - Class Session 12

Homework:
Read Budny: Sec 4.13, 4.14
Programming Assignment 5: Due Wednesday 8 October (Counts as 2 assignments)

Class Activities:

1. Determine a linear fit and the associated total error, maximum error, and location of the maximum error for the following data set:

   \[
   \begin{array}{cc}
   X & Y \\
   -1.2 & 0.0 \\
   -0.5 & 3.1 \\
   2.5 & 9.1 \\
   6.3 & 25.1 \\
   7.2 & 24.9 \\
   8.9 & 29.4 \\
   11.6 & 39.7 \\
   \end{array}
   \]

   Hint: although you could use your program that you are developing for programming assignment 5, it may be easier to use the MATLAB command window directly.

Group assignment:
   Turn in your answers on a single piece of paper.