The question numbers refer to the exercises at the end of each chapter in the class text. For all problems, make sure you show any MATLAB code that you used. **Show all of your work and clearly label your results.**

**Question 1**
15.4 parts a-c
Do part A by hand (so do not solve it with any MATLAB functions), but you may use the `\` operator as needed.

**Question 2**
15.6
Include natspline.m in your handin directory with appropriate coding comments discussing your implementation.

**Question 3**
16.3 all

**Question 4**
16.6 all

**Question 5**
16.8 all
For part B you may use the MATLAB functions polyfit & polyval as needed.