CS412 Homework 5
Due: May 5 @ noon

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 (Do not use MATLAB to solve both parts.)
      17.2 parts A & B

Question 2 (Do not use MATLAB to solve part C.)
      17.2 parts C & D

Question 3 (Do not use MATLAB function eig().)
      20.4 all parts

Question 4
      Create one m-file that implements 20.9 & 20.10 in the same function. Your function `findEig` will take two parameters: the coefficient matrix and a Boolean flag indicating which eigenvalue to find (0 for lowest and 1 for highest).