ME 345: Modeling and Simulation
MATLAB ASSIGNMENTS

You will be asked to submit summary reports on the status of your Matlab programming work as shown below. As discussed in class, the purpose of this assignment is to engage in self-directed learning to enhance your programming skills. Below are brief descriptions of what is expected on those days:

Friday September 21 (before midnight on CANVAS):
- A **ONE page short, concise description** describing: a) what you did, b) how you did it (an overview of the program), c) what you will be working on over the next two week period, and d) what you are learning from the experience. In addition, you should submit…
- A half-page discussion of how you are demonstrating an ability to enhance your Matlab programming ability on your own – how are you demonstrating the ability to be a lifelong learner through your work on this Matlab assignment? (This should be included at the end of your writeup above and clearly marked "Enhancing My Ability to be a Lifelong Learner")
- Attach as an Appendix to your concise report:
    - A copy of your Matlab code WITH COMMENT LINES so that I can follow your code! [Codes without sufficient comment lines will lose significant credit]
    - An example of the output from your code

Friday October 5 (before midnight on CANVAS):
- A **two or (max) three page short, concise description** describing: a) what you did (since the last report), b) how you did it (an overview of the program), and c) the steps that you have taken to ensure that your code is working properly. Be sure to nclude examples that highlight (or show-off) the functionality of your code.
- In addition, you should submit a half-page discussion of how you are demonstrating an ability to enhance your Matlab programming ability on your own – how are you demonstrating the ability to be a lifelong learner through your work on this Matlab assignment? (This should be included at the end of your writeup above and clearly marked "Enhancing My Ability to be a Lifelong Learner"; this may be similar to what you wrote above but should NOT be identical)
- In a separate **CANVAS** Assignment submission page, you will need to upload your Matlab code WITH COMMENT LINES so that I can follow and run your code! [Codes without sufficient comment lines will lose significant credit]
- ALL FILES MUST be named using the following format: *<lastname>_me345_mlab.m.* For example, fisher_me345_mlab.m.
- **Note:** You do not need to turn in every code or output; be selective in turning in the minimum materials necessary to show your progress in the assignment.
- **If necessary, you may place all necessary files –** including JPEGs and GIFs - in a ZIP folder uploaded on CANVAS. (Be sure all links are relative so that the file will run on my computer.)

Note that these reports are of a MUCH different nature that the reports for the three Case Studies that will be assigned later in the semester (and which each count for 17% of your grade). A much, much more detailed description of the problem, your work, your solution, and your analysis will be expected/required for the Case Studies.