Homework 1

Here are the instructions for HW1, which is due on Sunday Feb 9 @ midnight.

Part 1:

Take these three on-line tutorials:

https://matlabacademy.mathworks.com/details/matlab-onramp/gettingstarted

https://matlabacademy.mathworks.com/details/image-processing-onramp/imageprocessing

https://matlabacademy.mathworks.com/details/computer-vision-onramp/orcv

Plus one more tutorial of your own choice from this page:
https://matlabacademy.mathworks.com/

As you progress through each tutorial, take several screenshots (start, middle, and end) to document that you did this task. Also, take a screenshot of the certificate that it prints at the end. To get the points for this, you need to submit 4 images per tutorial, for a total of 16 images. Submission instructions will be emailed next week.

Part 2:

The Matlab book, which is recommended reading for this class, shows several plot types on pages 170-174 (old edition of the book) or pages 184-188 (new edition).

Pick one plot type from each page and try to draw something similar, but it should not be the exact same plot as in the book. For each problem submit your matlab file and an output image. Name your   files: myplot1.m, my-plot2.m, … , myplot5.m. Similarly, name your output images myoutput1.jpg, myoutput2.jpg, … , myoutput5.jpg. (PNG or GIF file format is also acceptable).

Put all 10 of these files in a separate folder named Plots. Put that folder in the main folder with your images from the 4 matlab tutorials that you had to do for HW1 as well. When you are done, zip everything into one ZIP file that is named yourlastname.zip. Upload that ZIP to Canvas under HW1 before the deadline.