Homework #0
Due –

Be sure to show all your work for credit.

1. Ensure access to Matlab

   If you do not have a copy of Matlab on a personal or lab computer, please ensure you are able to access Matlab Online. You can log in via `https://www.mathworks.com/login` and you should get a message that your UNLV license is now linked and available. A new link for Matlab Online will be on the left navigation bar. This will require a Mathworks account that uses your UNLV email address.

   If you do not have a UNLVMail account but RebelMail then you will probably need to use the student link.

2. Matlab Baics

   See Serge Belongie's CSE252B: Computer Vision II at UCSD for a basic Matlab tutorial

   `http://cseweb.ucsd.edu/~sjb/classes/matlab/matlab.intro.html`

3. Matlab Image Processing Toolbox

   You will need to become familiar with Matlab's image processing toolbox. Complete the tutorials in the Getting Started section.

   The full documentation for the toolbox can be found here:

   `http://www.mathworks.com/help/images/index.html`

4. Matlab Training Courses

   For more Matlab training and information checkout

   `https://matlabacademy.mathworks.com/`.

   In particular check out

   - MATLAB Onramp – basics quick start
   - Image Processing Onramp – basics of image processing
   - Machine Learning Onramp – basics of ML for classification
   - Deep Learning Onramp – basics of DL for image recognition

5. OpenCV

   For those interested in more optimized and feature rich image processing and computer vision, see the standard research library OpenCV. A short tutorial is provided here:

   `http://www.ee.unlv.edu/~b1morris/labs/opencv_intro/opencv_intro.html`