

## ECE 515\_HW3

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3. Verify and validate your function by testing it with the provided image pairs and submit your results

- a. For the apple.jpg and orange.jpg your output should be comp\_ao.jpg with the following parameters:
  - i. Npyramids=4
  - ii. Msize = 5
  - iii. Output = a-o.jpg ( include in submitted zip)



b. For 1.jpg and 2.jpg your output your output should be comp\_12.jpg with the following parameters:

- i. Npyramids=4
- ii. Msize=5
- iii. Output = comp\_12.jpg



4. For this part you must uniquely find two of your own images. You may find them on the web or create them yourself. Then

- a. Find the best Npyramid size and Msize that give you the best results.

- b.
- c. Submit your two images.



- d. Submit your generated output comp\_mine.jpg.



e. Specify the parameters that you chose for generating as such.

`npyramids=4;`

`msize =5;`

`sigma=0.1;`