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Computer Vision  
Reflection (HW1)

Within this assignment, I found a few things useful. I learned about how to do for loops in matlab and the different operators. The most important thing I learned is about the way arrays work in matlab and the different numbers: complex, int, and double. I also learned how to unit test, and how each file's name has to be the function in order to call it in the terminal.

This whole assignment was hard as I had to do a bunch of learning myself on the different coding styles, and what each function does and etc. The hardest part was doing unit testing, and figuring out the tests I should do, and how they even work. I had to write out step by step what the code was doing, to see what testing I should do. It was also hard learning about the photo functions and figuring out how it works.

It was interesting seeing complex numbers within this language, as python and java do not have this. Figuring out what is even, and what isn't was also interesting. It was fun trying to run tests to let  $2+0i$  pass but not  $3+0i$  or  $3+2i$ . It was a brain challenge, and I enjoyed doing it. It was also interesting putting the images together from the 3 image file using the split rgb.