

Assignment 1

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1. ``img_add.png`` is brighter than the original. The addition of 0.25 to every value increases the intensity of the image, bringing it closer to white. Subtraction would do the opposite – making it darker.
2. Programming has been my hobby for a long time and I would consider myself an experienced programmer. I have done many projects of my own, and have contributed to open-source projects. In terms of professional experience, I completed an internship at RBC working on online banking.
3. The installation instructions were a little bit irrelevant to me, since I have my python environment set up already. One thing that was a little bit unclear was the usage of the phrase “Python program”. To me this indicates that I should create a Python script ending with ``py``, not a Jupyter notebook. As well, I believe there is a small typo in part 3, which says to save the ``img_add.png`` file in the same directory as the ``part3.py`` file. I think it should read ``part3.ipynb`` since that’s what the question says to create. Finally, there was a little bit of confusion on whether to crop the original image or the grayscale one. I did the grayscale one since the next part asked explicitly to flip the original image but this one did not.