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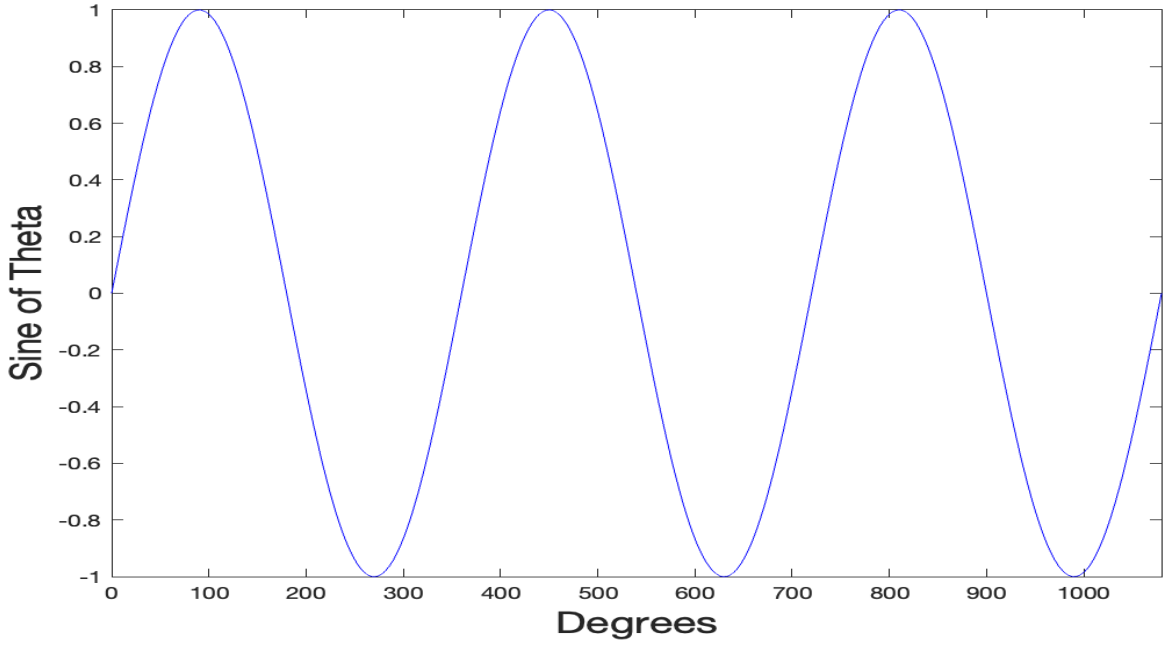
1. MATLAB Version: 9.13.0.2126072 (R2022b) Update 3
   MATLAB License Number: 364896

2. Position of the nose tip:
   COLUMN = 342
   ROW = 484

3. Red channel seems to have the WORST quality. The high brightness makes the image look washed out. A lot of the details on the face and the wall have been lost. The jaw merges with the white wall which makes it hard to separate the face outline from the wall at some points. The hair also looks more blurry in the red channel, while they're increasingly more crisp in green and blue channels. The shadows on the right side of the shirt also look unnatural.

4. Image turned to grayscale using green channel, then rotated and cropped:

5. Plot for three cycles of sine wave:



6. Conclusion:

Getting and recording the version was very simple and generic. Using the **‘ginput’** function was interesting. I was not aware of this functionality of Matlab but it was a fun little task.

When isolating the channels, I was expecting the channel’s colour to show up but was very surprised when the images turned out grey instead. I checked and ran the script multiple times to make sure I wasn’t doing something wrong. Since there was a difference of quality between the channels, I assume (but I could be wrong) certain colours were not captured as well as other colours when the photo was taken, which is why some colour channels look better than others.

Creating a plot of sine waves was fairly easy, but still introduced me to more MATLAB functionality like degree-to-radian conversion and other plotting options such as **‘labels’** and **‘axis tight’**.