

INSTRUCTIONS FOR RUNNING THE CODE

- For **question 1a**, Please run the `One_a.py` file to get the fft transform of the video frame
- Also, for **question 1b**, Please run the `One_b.py` file to get the orientation and ID of the reference AR tag.
- For **question 2a**, please run `Two_a.py` file to run the video showing superimposed testudo onto the ar tag.
- For **question 2b**, please run the `Two_b.py` file to run the video showing the 3d cube on the Ar tag.
- I have pip freezed the **requirements.txt** file, if you want the reference for the libraries. Also, as an alternate please check the below mentioned libraries to run the code:
 - Cv2
 - Matplotlib
 - Numpy
- File structure: All questions have separate .py files and `utils.py` contains all the helper functions used in the other python files.
- Please refer to the report for solutions and explanations of the Project1 questions.

PS: Feel free to contact me if you have any difficulties in running the code. Thank you.