

## INSTRUCTIONS FOR RUNNING THE CODE

- For **question 1**, Please run the file **One.py** file to run the grayscale histogram equalization and run **One\_rgb.py** for rgb histogram equalization.
- For **question 2- dataset1**, please run **data\_set1.py** file to run the video on data set 1.
- For **question 2 - dataset2**, please run the **data\_set2.py** file to run the video on data set 2.
- 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
  - Glob
  - Math
- File structure: All questions have separate .py files and I have used procedural programming approach.
- Please refer to the report for solutions and explanations of the Project1 questions.
- Video link :  
[https://drive.google.com/drive/folders/1WzawWiSORhTyJsOCJmoqT7XxZU8T\\_e9s?usp=sharing](https://drive.google.com/drive/folders/1WzawWiSORhTyJsOCJmoqT7XxZU8T_e9s?usp=sharing)

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