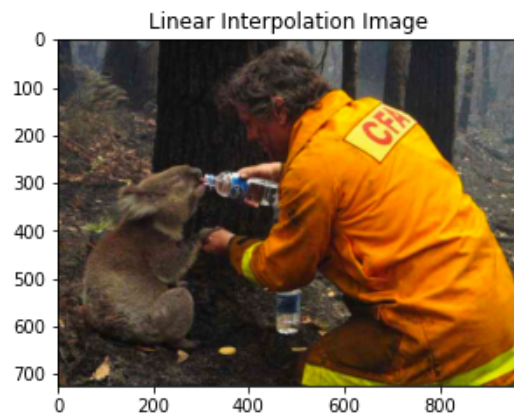


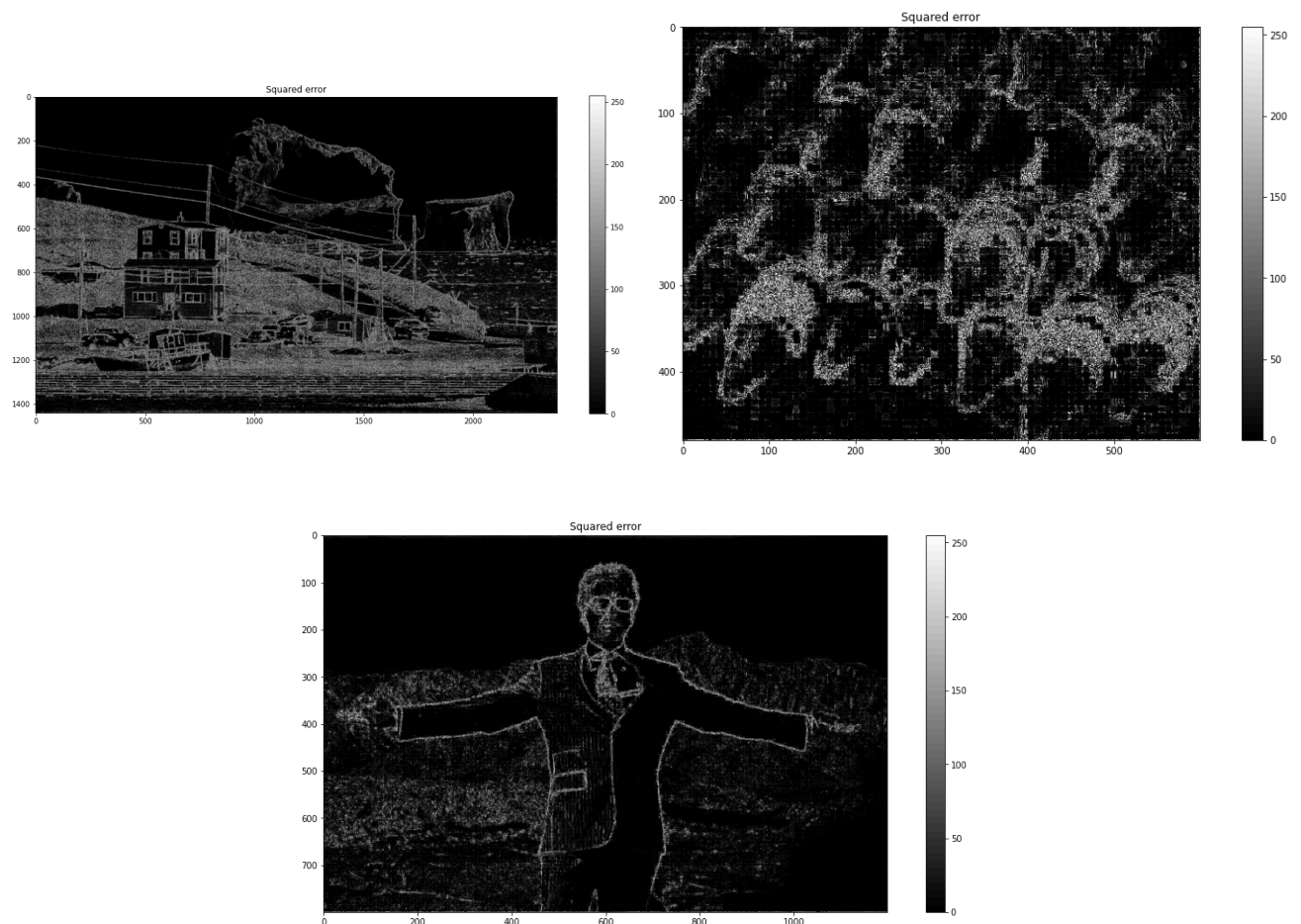
Name : Dande Aryan Srivatsava

Part-1 : Linear Interpolation

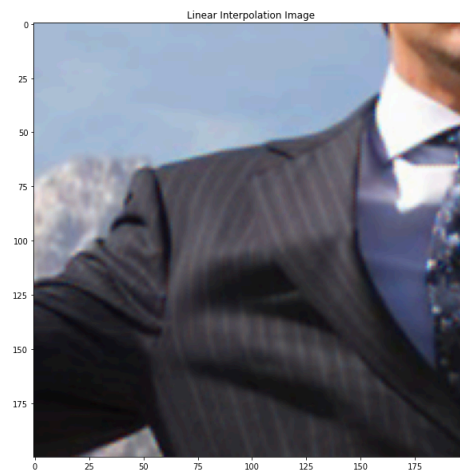
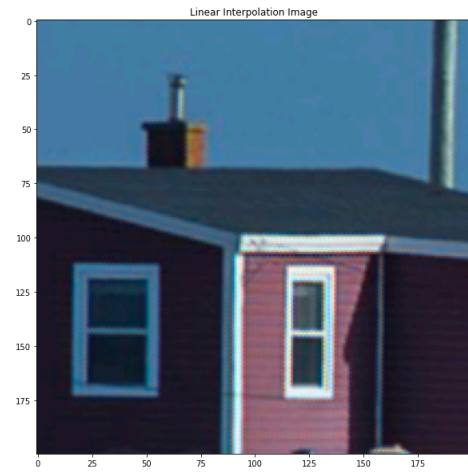
1. Insert your linear interpolated test image(hope.jpg) here:



2. Display the map/plot of all the 3 training images here:



3. Post close-up of any artifacts you came across.



4. Average_per_pixel error and Max_pixel_error for each of 3 training images :

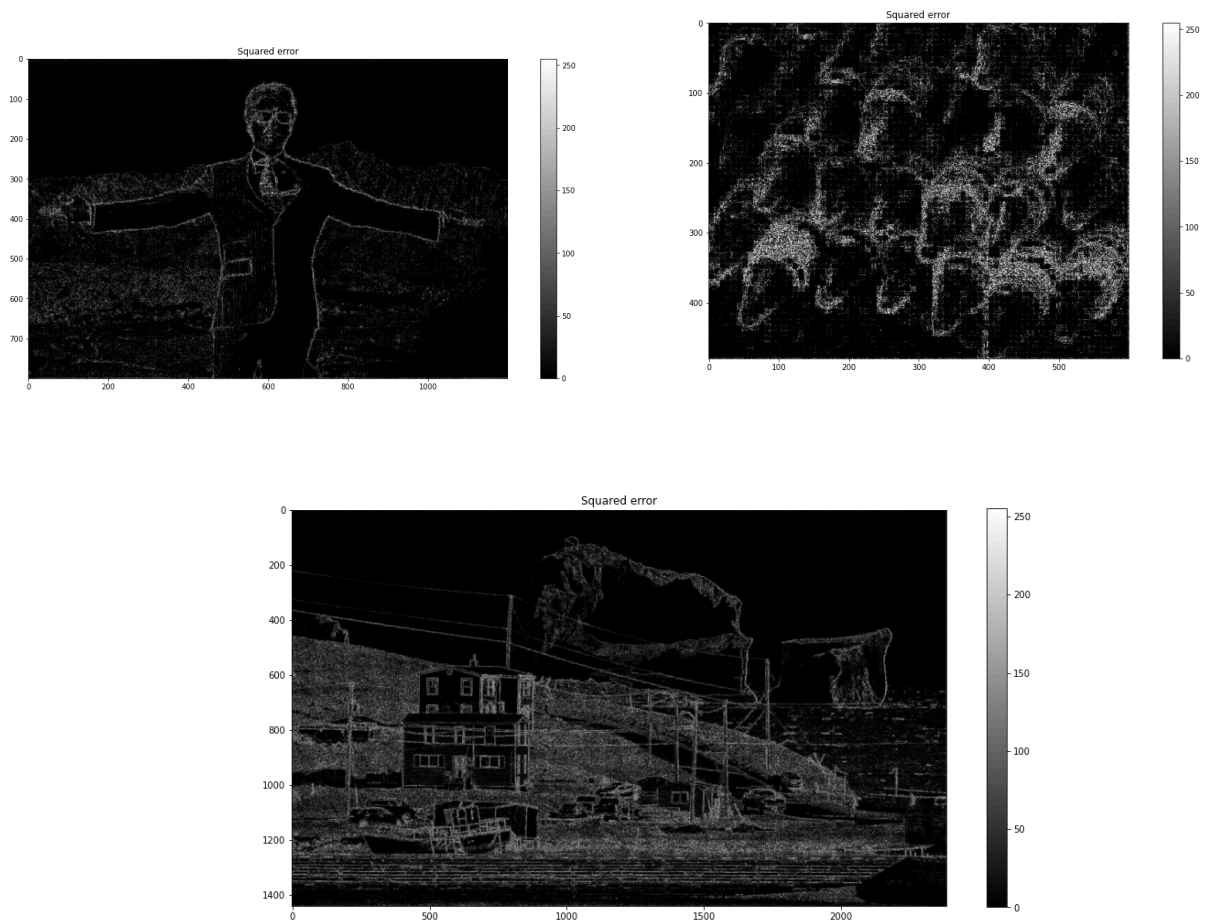
Image	Average_per_pixel_error	Max_pixel_error
Crayons	203.22368	53345.125
Iceberg	114.244774	30379.812
Tony	57.648968	36891.562

Part-2 : Freeman Method

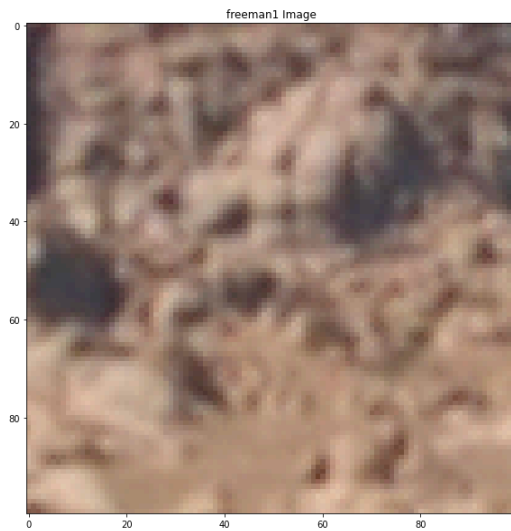
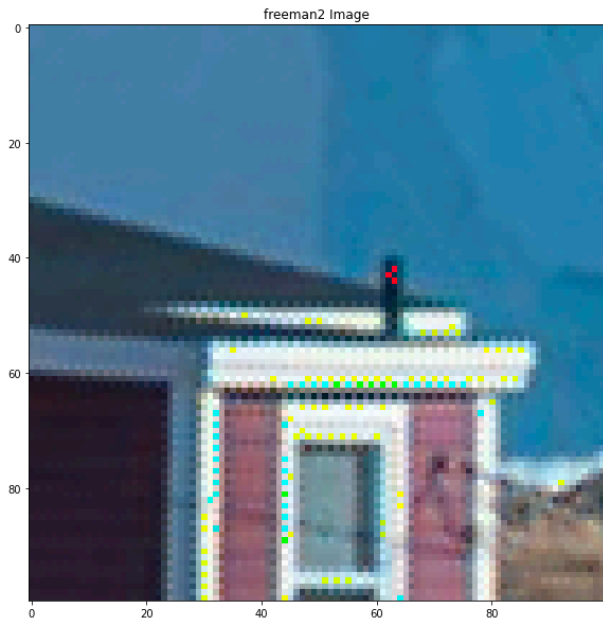
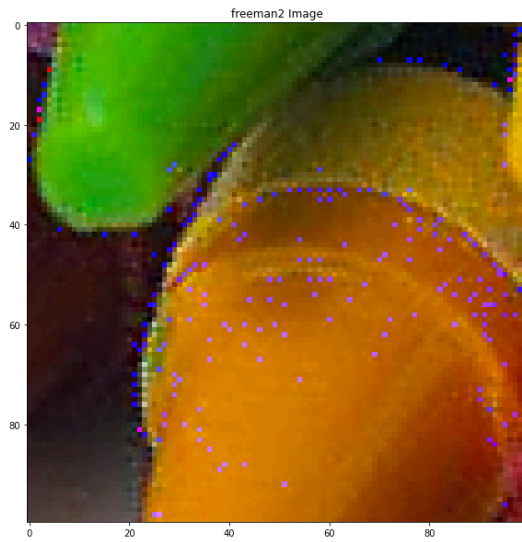
5. Insert your Freeman Method test image (hope.jpg) here:



6. Display the map/plot of all the 3 training images here:



7. Post close-up of any artifacts you came across. very blurry corners and connections



8. Average_per_pixel error and Max_pixel_error for each of 3 training images :
Image

Image	Average_per_pixel_error	Max_pixel_error
Crayons	131.444982855903	47857.625
Tony	28.5263017578125	32278.0
Iceberg	71.2870300583368	33839.5625

Part 3 :

Projection of 3D coordinates on to a image sensor plane

