**Name :** John Wick

**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 |  |  |
| Tony |  |  |
| Iceberg |  |  |

**Part-2 : Freeman Method**

1. Insert your Freeman Method 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 |  |  |
| Tony |  |  |
| Iceberg |  |  |

**Part-3 : Images of your choice**

1. Post 2 images your choice here and the corresponding error maps of your outputs with the Freeman method.
2. Any image that breaks the method and why do you think so?

**Part-4 : Bonus**

Post any extra credit details/images/references used here.