How to run the code

Group Members:

Sarwan Ali

Bilal Rabbani

Moeen Ud Din

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# Steps to run the code

1. Put all the folders in 1 location.
2. Direct the matlab to that location
3. In the folder optimize\_tone\_mappping code, open mainEntry1.m and provide the image in the line “imageData = hdrimread('bigFogMap1.hdr');”.
4. Run the file.
5. This would give us the output image of “Globally Optimized Linear Windowed Tone-Mapping” and the structural similarity index in the command window.
6. Next, in the folder hdr\_imaging-master open “Untitled2.m” and provide the image in the line “hdr\_image = hdrimread('KernerEnvLatLong.hdr');
7. Run the file, this would give us the output of local and global Reinhard tone-mapping.
8. In the command window it will give us the value of structural similarity index of the image. The first value is for Global tone mapping operator and the second value is for the local tone-mapping operator.