Index:

Sr No	Title
1.	Perform the following: 1. Showing Histogram of an Image 2. Log Transformation 3. Power Log Transformation 4. Contrast Stretching 5. Thresholding Operations
2.	Implement Simple and Adaptive Histogram Equalization
3.	Perform the following: 1. Derivatives and Gradients 2. Laplacian Filter 3. Sharpening with Laplacian Plot 4. Unsharp Masking 5. Image Negatives
4.	Implement Sobel Image Detector & Canny Edge Detector using Scikit-Image
5.	Perform the following: 1. Erosion 2. Dilation 3. Opening and Closing 4. Skeletonization 5. Covex Hull 6. White and Black Top-Hats 7. Boundary Extraction
6.	Implement Bit-Plane Slicing
7.	Implement Basic Compression
8.	Implement LZW Compression
9.	Program for Upsampling and Downsampling of an image
10.	Perform the following: 1. Image Steganography 2. Visible Watermarking
11.	Program for 2D Convolution in frequency domain in an input image
12.	Implement Lowpass Filters in Frequency Domain.