Assignment 1

Write short note on: Contrast Stretching Histogram Equalization - Differences between HE, AHE, CLAHE Log Transformation, Power law transformation, Gray Level Slicing, Gaussian Filtering

Note: You need to write your answer in detail. Highlight the facts as the purpose of using them, mathematical equation/algorithm applied/ advantage/ issue with using them etc.

Assignment 2

Write a short note: Box Filtering, Gaussian Filtering, Median Filtering, Unsharp Masking, High Boost Filtering

Note: Write about their applications and outcomes on the image.