Programming Assignment-3

Instructor: Dr. Anil K. Sao

1) Take a image and add the following noise in image: a) Salt and Pepper noise, b) Gaussian noise and c) Uniform. For each type of noise, show the results using the following De-noising algorithms 1) Low-pass filter 2) Inverse filter 3) Weiner filter and 4) Bilateral filter. Please show the results for various choices of parameter associated for individual algorithm.

2) Take an image and perform the segmentation using the following algorithm: 1) Othu's threshold, 2) K-means approach and 3) Mean shift segmentation.

Date of evaluation 01/12/2019