

ASSIGNMENT 6:

Problem statement:

1. Download Lena color image, convert it to grayscale image and add salt and pepper noise with noise quantity 0.1, 0.2 up to 1 and generate 10 noisy images.
2. Correlate each noisy image with Gaussian filters of varying size. Filter size can be 3 x 3, 5 x 5 and 7 x 7.

Note:

Use $\sigma=1$ for Gaussian filter. Use predefined as well as user defined functions for the above problems (for correlation).