Instructions

For the images provided, perform the following filtering operations in spatial domain.

1. Add Noise on the images and then perform Image denoising using mean and Gaussian mean filter.
2. Add Salt and Pepper Noise on the images and remove salt and pepper noise using Median Filter.
3. Compare the performance of Laplacian with High boost filter on the provided images.
4. Perform edge detection by Sobel, Prewitt, and Robert filters.
5. Compare the performance of Sobel, Prewitt, and Robert filters with canny edge detectors.