4. Generating different noise and comparing different noise reduction methods

In this problem, you are required to write a program to generate different types of random noises started from the Uniform noise and Gaussian noise. (one of the reference may be "Digital image processing using Matlab" PP.143-150. And then add some of these noises to the circuit image (Circuit.tif) and investigate the different mean filters and order statistics as the textbook did at pages 344-352.