

#### **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 (I will provide the image on ftp) and investigate the different mean filters and order statistics as the textbook did at pages 344-352.