>> x = imread('Lenna.png');

>> x = double(rgb2gray(x))/255;

>> imshow(x)

>> y = x.^5;

>> figure(2); imshow(y)

>> y = x.^2;

>> figure(2); imshow(y)

>> y = x.^.5;

>> figure(2); imshow(y)

>> figure(1); imshow(x)

>> z = imnoise(x,'salt & pepper',0.1);

>> imshow(z)

>> imshow(z)

>> z = imnoise(x,'salt & pepper',0.4);

>> imshow(z)