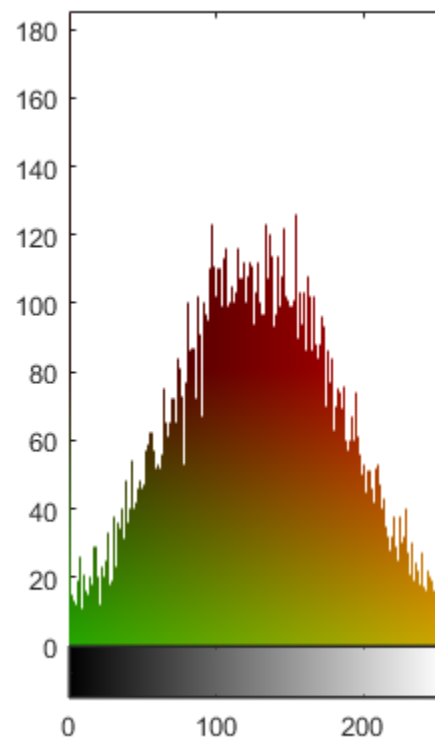
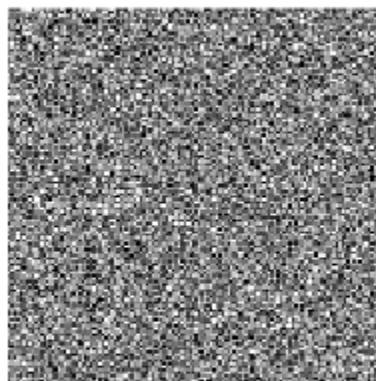

Question 7

A MATLAB script that implements the gaussianFunction to create a 128 X 128 random image with Gaussian distribution of pixel values, with mean value of 128 and standard deviation of 60. The image's histogram is also displayed to confirm its Gauss Curve.

```
h = 128;  
w = 128;  
mean = 128;  
std = 60;  
J = gaussianFunction(h, w, mean, std);  
J = uint8(J);  
subplot(1,2,1), imshow(J)  
subplot(1,2,2), imhist(J)
```



Published with MATLAB® R2015b