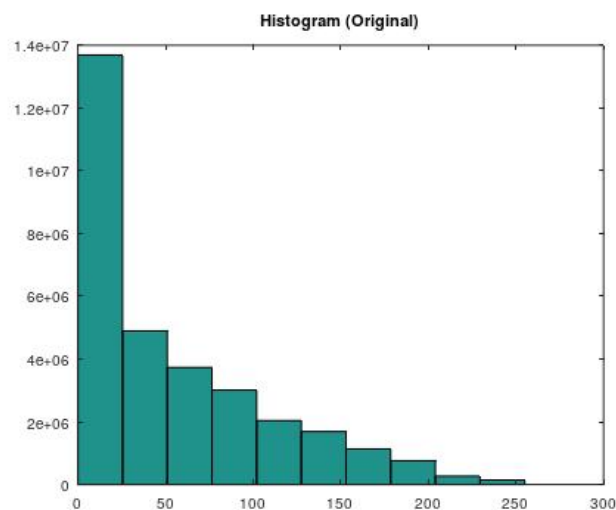# Assignment – 5

1. In this problem we have taken a image of atleast 1 mega pixel then plotted it and it's histogram and applied the kernel for Contrast adjustment and then Gamma – Correction.

Old Picture

Histogram (Original)

2. In this problem we have taken constant for a function and let a function and then plotted the function and added a noise or deviation to function values and then plotted and then we made the noisy plot values fit in a function and plot it on the same graph.

```
Original function constants: a=0.50, b=0.20, c=0.40
Fitted function constants: a=0.11, b=5.81, c=-17.09
```

Original Function, Noisy Data, and Fitted Function