

COSC 5340-03/COSC 4301-05
Image Processing
Assignment 1
Due: 23:59:00pm 08/04/2015

Name:

L Number:

1. Please complete the provided Matlab code to implement Histogram equalization.

Please use the follow program to test your function.

```
>> clear all
>> close all
>> I=imread('tire.tif');
>> J=histeq(I);
>> OutIm=HistogramEq(I);
>> figure(1)
>> subplot(1,2,1)
>> imshow(J);
>> subplot(1,2,2)
>> imshow(OutIm);
```

J is output of the histogram equalization function provided by Matlab. Please compare your output and Matlab's output.