**Exp No 3: CONTRAST STREACHING DATE: 19/7/2013**

clc;

close all;

clear all;

a=imread('.jpg');

r=rgb2gray(a);

[rows,cols]=size(r);

for i=1:rows

 for j=1:cols

 if r(i,j)<75

 s(i,j)=0.8\*r(i,j);

 else if r(i,j)>=75&&r(i,j)<=150

 s(i,j)=(r(i,j)-75)+52;

 else s(i,j)=1.25\*((r(i,j)-150)+125);

 end;

 end;

 end;

end;

figure;

subplot(1,2,1);

imshow(r);

title('Input Image');

subplot(1,2,2);

imshow(s);

title('Contrast Stretching');