**Aim: Implement contrast adjustment of an image. Implement Histogram processing and equalization.**

% Image Enhancement

I=imread('one.jpeg');

subplot(4,2,1); imshow(I); title('Original Image');

g=rgb2gray(I);

subplot(4,2,5); imshow(g); title('Gray Image');

J=imadjust(g,[0.3 0.7],[]);

subplot(4,2,3); imshow(J); title('Enhanced Image');

D= imadjust(I,[0.2 0.3 0; 0.6 0.7 1],[]);

subplot(4,2,4);imshow(D);title('Enhanced Image 2');

% Histogram and Histogram Equalization

subplot(4,2,7); imhist(g); title('Histogram of Gray Image');

m=histeq(g);

subplot(4,2,6); imshow(m); title('Equalized Image');

subplot(4,2,8); imhist(m); title('Histogram of Equalized Image');

