Basic Operations On Image

Matlab Code:

clc;

clear all;

close all;

c=imread('peppers.png');

subplot(2,3,1)

imshow(c);

title('Original Image')

subplot(2,3,2)

a=imrotate(c,90);

imshow(a);

title('Rotate Image')

subplot(2,3,3)

b=imresize(c,[64 64]);

imshow(b);

title('Resize image')

subplot(2,3,4)

d=rgb2gray(c);

imshow(d);

title('Grayscale Image')

[m n]= size(b);

e=zeros(n,m);

for i=1:1:n

for j=1:1:m

e(i,j)=b(j,i);

end

end

f= mat2gray(e);

subplot(2,3,5)

imshow(f);

title('Matrix Image')