**Image blurring:**

rgbim=imread("pup.jpg");

rgbim=im2double(rgbim);

window\_width=15;

width\_square=window\_width\*window\_width;

kernel=ones(window\_width)/width\_square;

blur\_img=imfilter(rgbim,kernel);

subplot(2,2,1);

imshow(rgbim);

subplot(2,2,2);

imshow(blur\_img);

**Image sharpening :**

i=imread("pup.jpg");

grayi=rgb2gray(i);

sharpimg=imsharpen(grayi);

subplot(2,2,1);

imshow(grayi);

subplot(2,2,2);

imshow(sharpimg)