

```

%-- 2/02/05 4:31 PM --%
a=imread('flowers.tif')
size(a)
imsow(a)
imshow(a)
a(1,4,2)
b=zeros(362,500);
help for
FOR I = 1:362,
FOR I = 1:362
for i=1:362
for j=1:500
b(i,j)=(a(i,j,1)+a(i,j,2)+a(i,j,3))/3;
end
a=double(a);
for i=1:362
for j=1:500
b(i,j)=(a(i,j,1)+a(i,j,2)+a(i,j,3))/3;
end
imshow(b)
bim=uint8(b);
imshow(bim)
help plot
help imshow
type imshow
%-- 2/07/05 4:34 PM --%
I=imread('flowers.tif')
imshow(I)
IG=rgb2gray(I);
imshow(I)
imshow(IG)
BW=edge(IG,'sobel');
figure
imshow(BW)
help edge
[BW,thresh]=edge(IG,'sobel');
thresh
figure
BW2=edge(IG,'sobel',0.02);
BW3=edge(IG,'sobel',0.22);
imshow(BW2)
figure
imshow(BW3)
BW4=EDGE(IG,'canny');
figure
imshow(BW4)

```