```
%filtering
I = imread('flowers.jpg');
h = ones(5,5) / 25;
I2 = imfilter(I,h);
imshow(I), title('Original Image');
figure, imshow(I2), title('Filtered Image')
%Read in the image
I = imread('flowers.jpg');
%Add noise to it.
J = imnoise(I,'salt & pepper',0.02);
figure, imshow(J)
K = filter2(fspecial('average',3),J)/255;
%Now use a median filter to filter the noisy image and display the results. Notice that
%medfilt2 does a better job of removing noise, with less blurring of edges.
L = medfilt2(J,[3 3]);
figure, imshow(K)
figure, imshow(L)
```