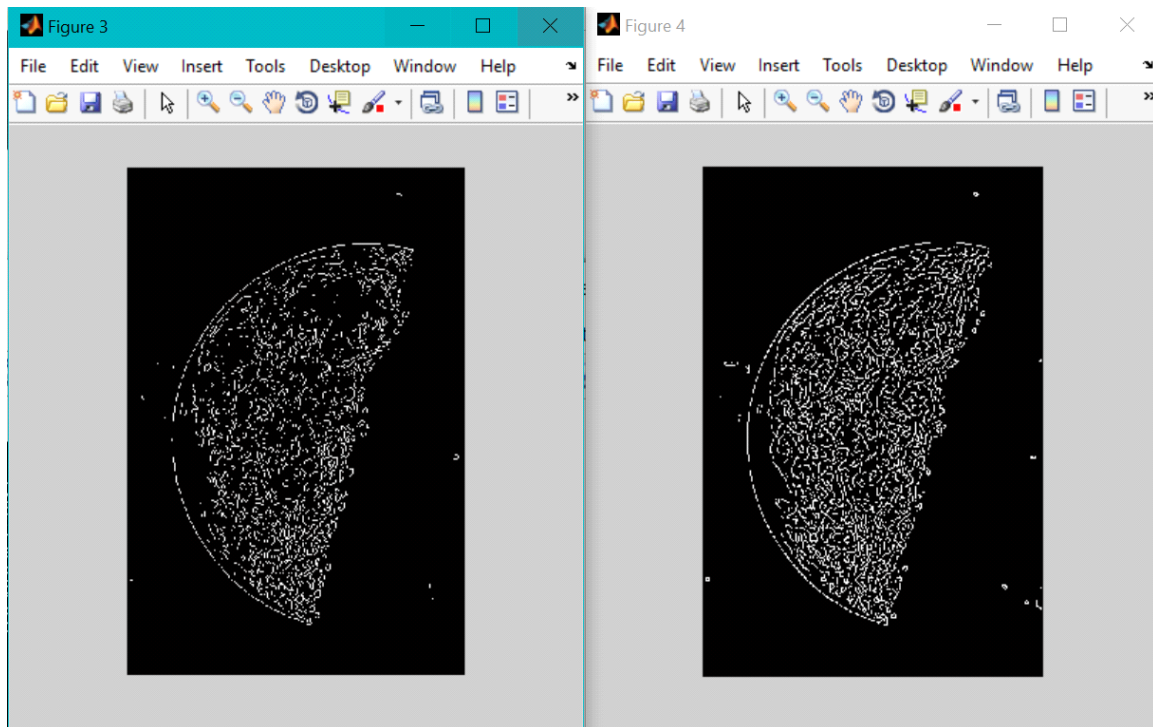
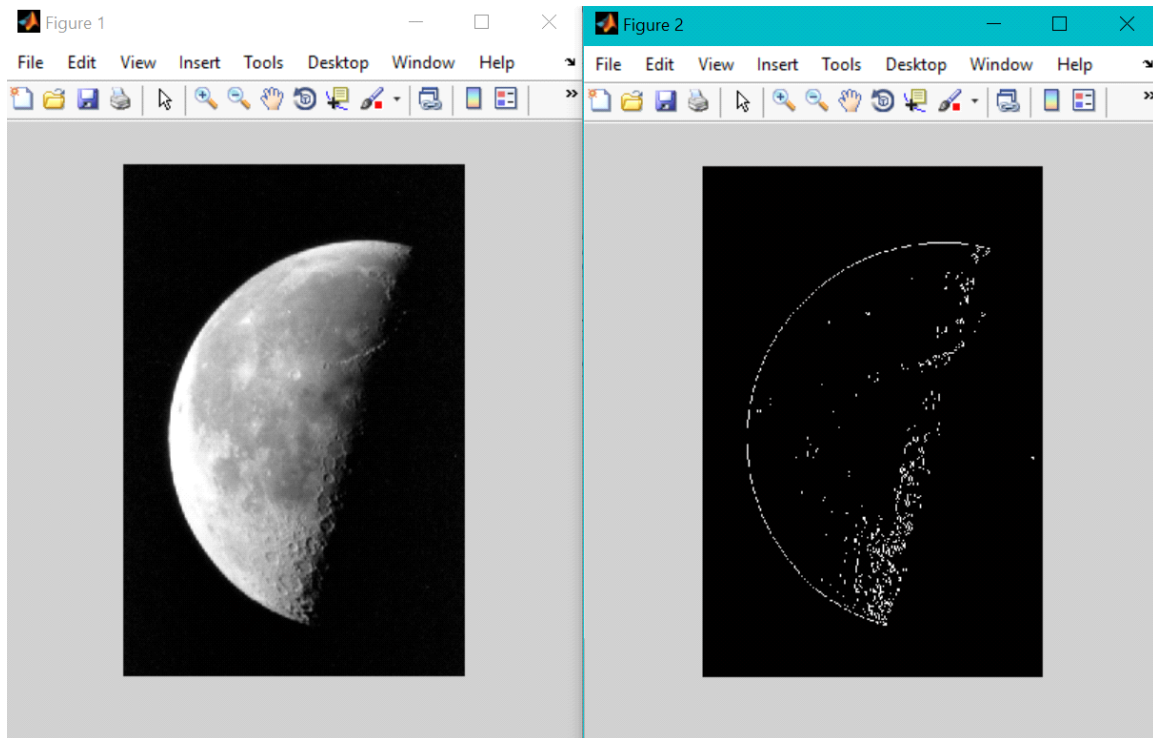


name: mohamed refaat shaban

sec: 3

```
I = imread('moon.tif');  
figure;  
imshow(I); %show original image  
firstDev = edge(I, 'prewitt');  
figure;  
imshow(firstDev); % show edges with first  
derivative  
secondDev = edge(I, 'log');  
figure;  
imshow(secondDev); % show edges with second  
derivative  
cannyAlg = edge(I, 'canny');  
figure;  
imshow(cannyAlg); % show edges with canny  
algorithm
```



I see that canny algorithm shows the best shapes of

edges and clear.

