<u>Name</u> : Joseph Eltoukhy

<u>Sec</u> : 1

EdgeDetection.m ✕ +

```matlab
1   I = imread('cameraMan.jpg');
2   I=rgb2gray(I);
3   J = edge(I);
4   figure;
5   imshow(I);
6   firstDev = edge(J, 'prewitt');
7   figure;
8   imshow(firstDev);
9   secondDev = edge(J, 'log');
10  figure;
11  imshow(secondDev);
12  cannyAlg = edge(J, 'canny');
13  figure;
14  imshow(cannyAlg);
```