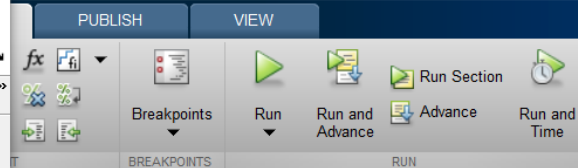
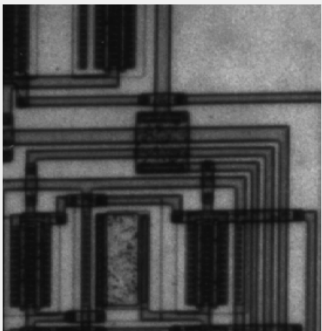


الاسم:

عمر شريف مصطفى كامل اللبودي

السكن:

Figure 1



etection

ditor - D:\Omar\Second Term Shit\Edge Detection\EdgeDetection.m

EdgeDetection.m x +

```
img = imread('circuit.tif');  
figure;  
imshow(img); %show original image  
first = edge(img, 'prewitt');
```

```
figure;  
imshow(first); % first derivative  
second = edge(img, 'log');  
figure;
```

```
imshow(second); % second derivative  
canny = edge(img, 'canny');  
figure;
```

```
imshow(canny); % canny algorithm
```

```
% Figure 4, which is Canny Alogirthm seems to be the best when it comes to  
% edge detection. Pretty clear and smooth.
```

pace

Value

```
280x272 logical  
280x272 logical  
246x300 uint8  
280x272 uint8  
280x272 logical
```

Figure 2

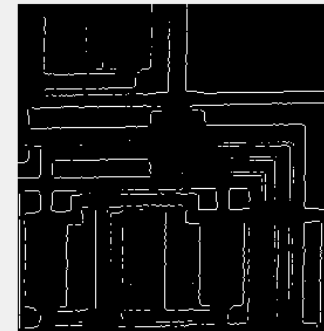


Figure 4

