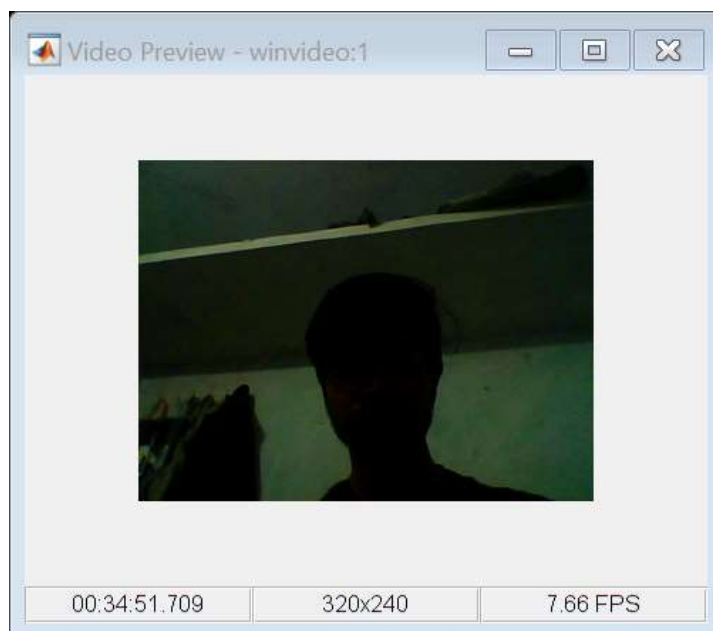
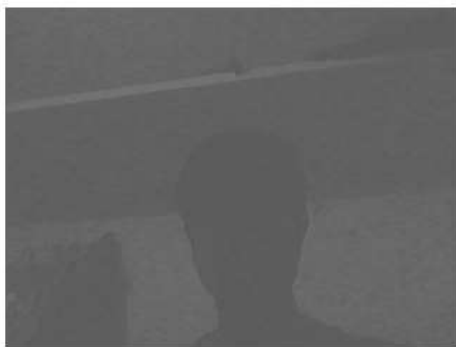


Contents

- [Extract HOG Features](#)

```
vid = videoinput('winvideo',1,'YUY2_320x240');  
start(vid);  
preview(vid);  
image = getsnapshot(vid);  
% converting the image in to gray scale  
image = rgb2gray(image);  
% display the grayscale image to the window  
imshow(image);
```



Extract HOG Features

```
[hog16, vis16] = extractHOGFeatures(image,'CellSize',[16 16]);  
% imshow(hog16)
```

```
hold on;  
plot(vis16);
```

