

# EDGE DETECTION USING MATLAB

By Athul Suresh (22BLC1185)

## Using Canny Edge Detection

Code :-

```
Edge_Detection.m x +
/MATLAB Drive/Edge_Detection.m
1  originalImage = imread('thug duck.jpeg');
2  grayImage = rgb2gray(originalImage);
3  edges = edge(grayImage, 'Canny');
4  figure;
5  imshow(grayImage);
6  title('Original Grayscale Image');
7  figure;
8  imshow(edges);
9  title('Canny Edge Detection');
10 |
```

Original figure :-



Converted Image :-

