

Environment used:

Ubuntu 14.04

OpenCV 3.2.0

Compilation and Execution Instructions:

1. go the directory katukuri_edge_detect

2. execute the below command to compile the code

```
g++ Exercise_2.2.cpp -o out2 `pkg-config --cflags --libs opencv`
```

3. run the code with image input from command line

```
./out2
```

4. Four windows will be displayed with name as below

bird → this is the input image what we have given from command line

Laplacian edge map → Output image from Laplace edge detector

Sobel Edge Map → Output image from Sobel edge detector

Canny Edge Map → Output image from Canny edge detector

5. The 4 output image from the above step will be save in the current directory.

6. Press any key from key board to stop running the code and closing the image display windows