CS549 – Computer Vision – Lab 2
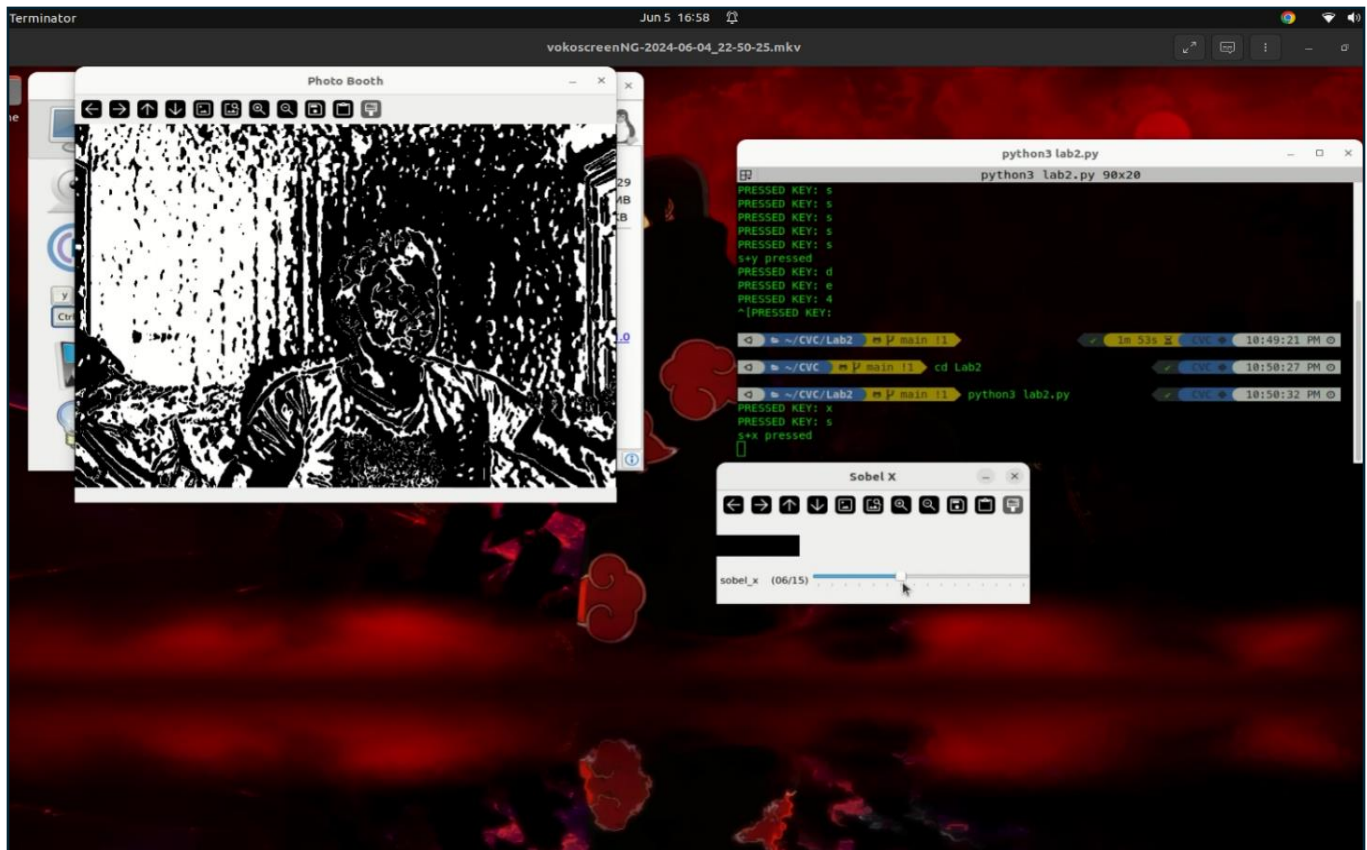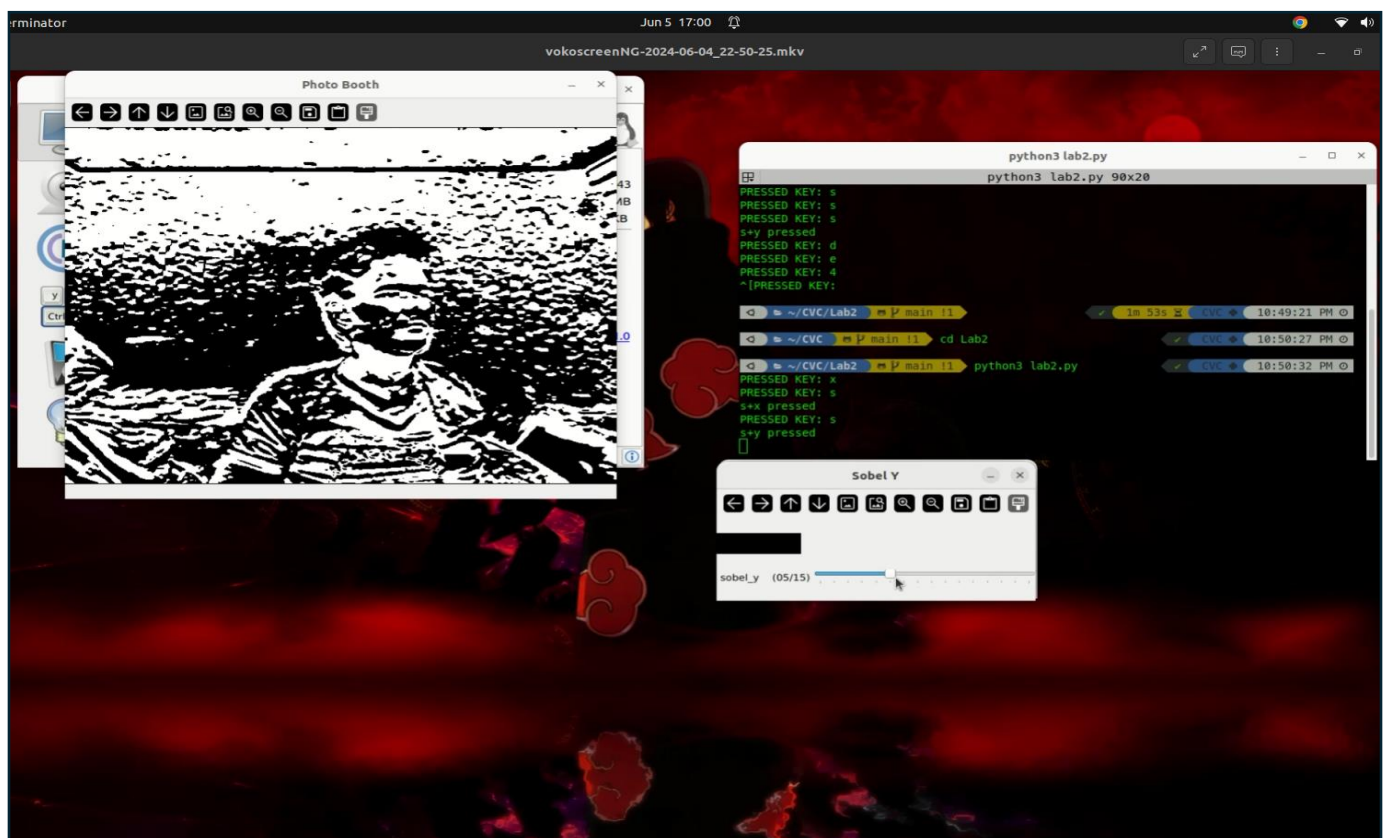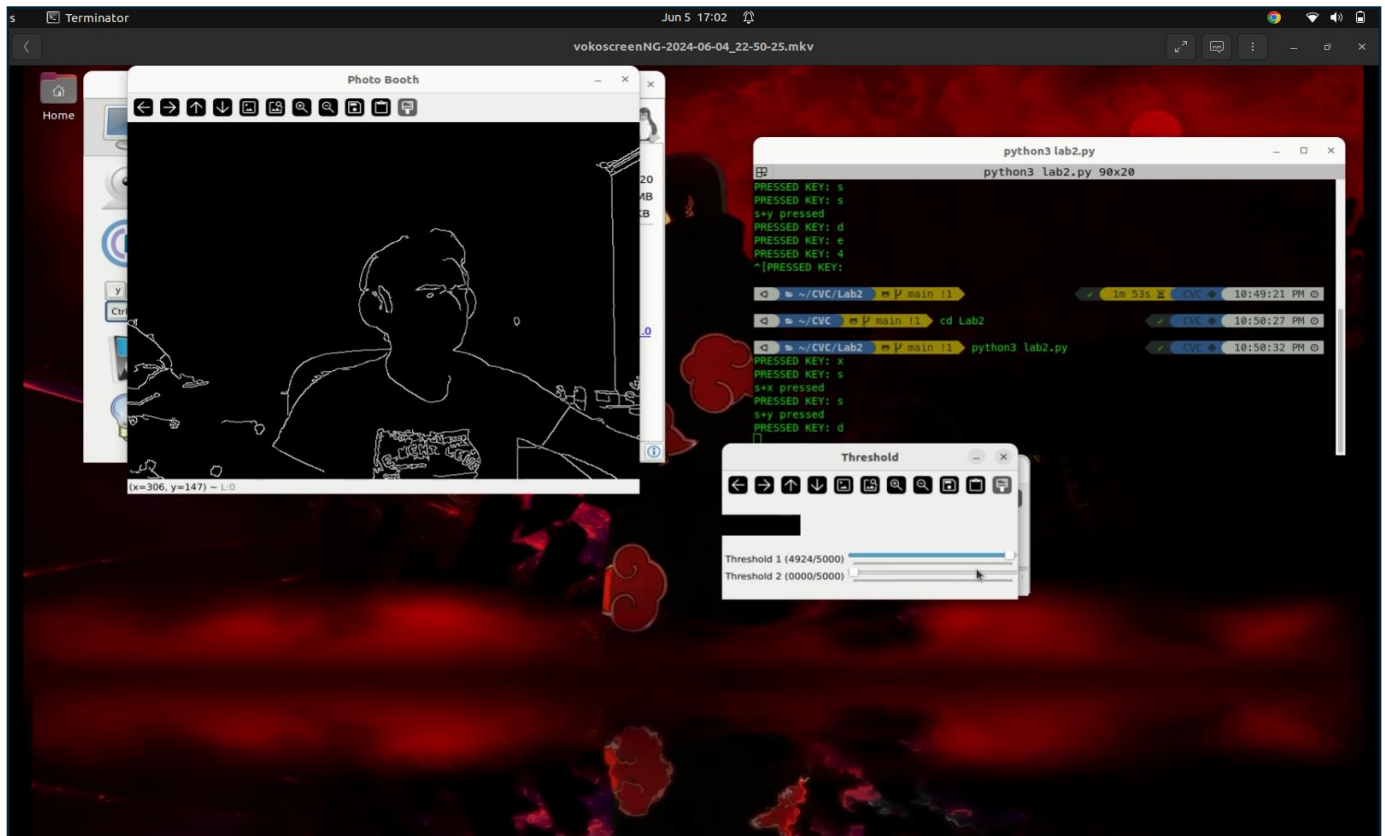Dev Soni – djsoni@wpi.edu

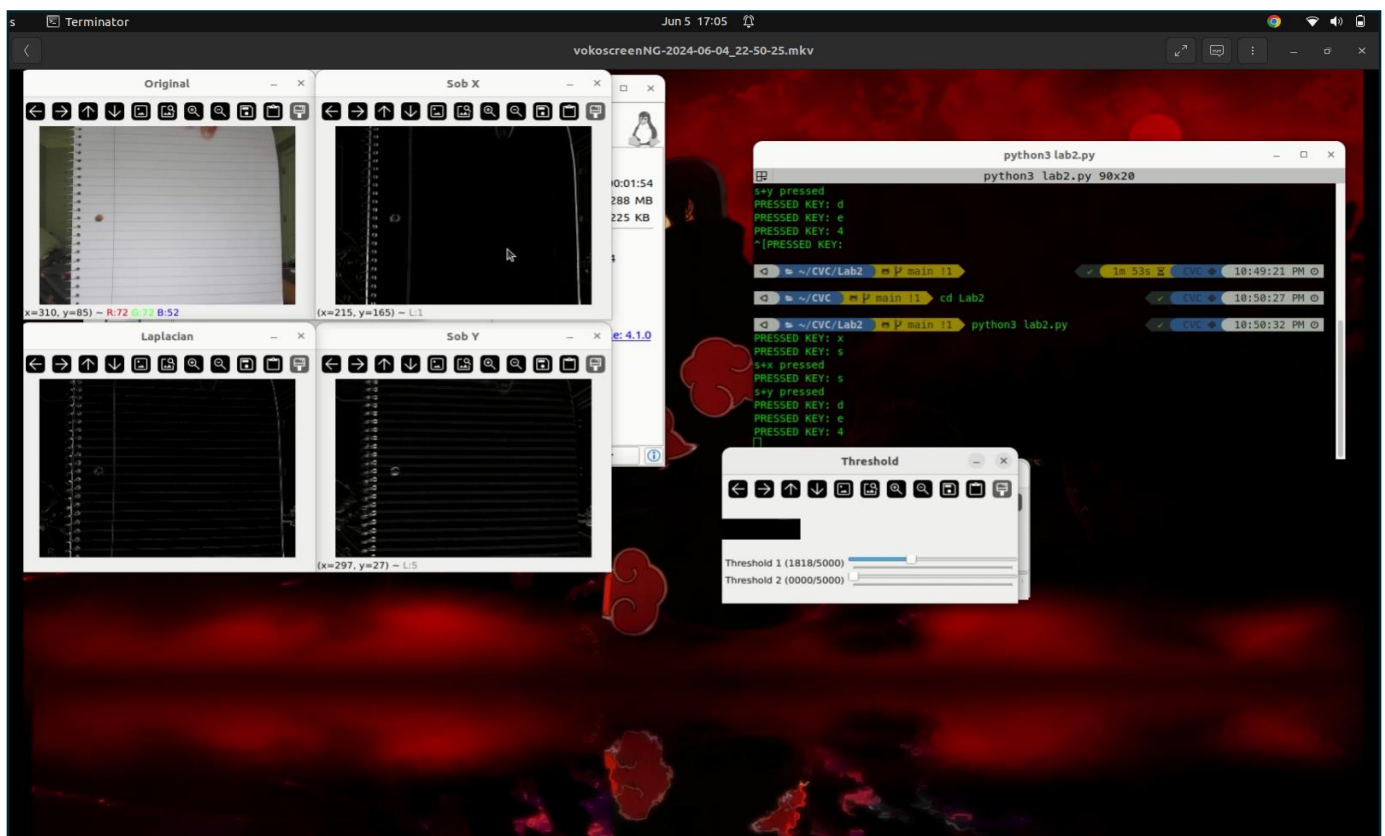## Part1
Sobel_X by Pressing s+y keys

Sobel_Y by Pressing s+y keys

Canny Edge Detection by Pressing d key

Part 2

Custom Laplacian, Sobel_X, Sobel_y filters in 4 windows (for custom function check lap2.py file)

Part 3 – Geometric Transform

Scaled Up

Affine

Rotated

Scaled Down

Perspective

Part 4 – Harris Corner Detection

Original
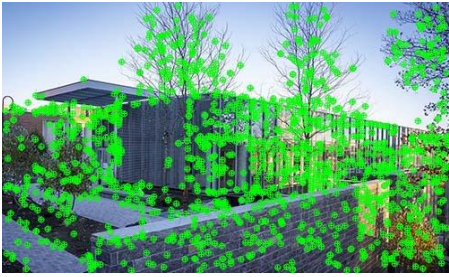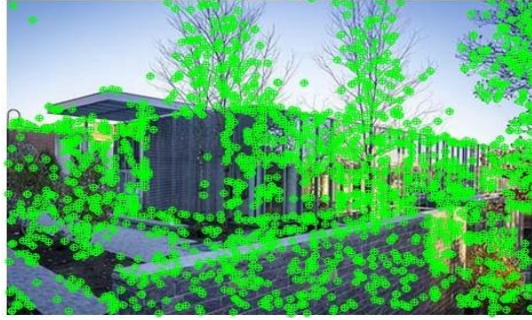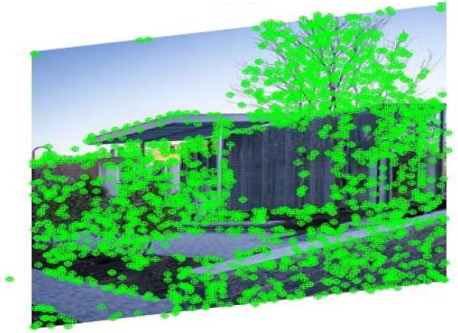

Scaled Up

Affine

Rotated
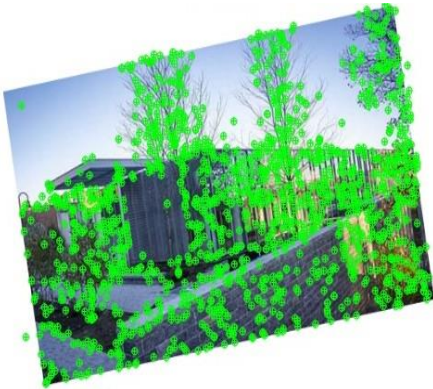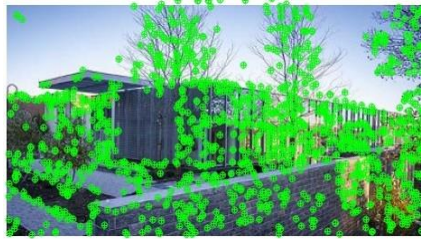

Scaled Down

Perspective

Part 4 – SIFT feature detection.

Original

Scaled Up

Affine

Rotated

Scaled Down

Perspective