**Lab 4**

7. Total number of boxes = 19 \* 19 \* 5 (no. of anchor boxes)

= 1785

The boxes will be filtered by a threshold value which is 0.6. After the filter applied 1783 boxes will remain.

Maximum number - 1785

8. Handling different object sizes

Localization accuracy

Reducing grid sensitivity

10. A crosswalk on a street

Description automatically generated

A crosswalk with red lights

Description automatically generated

Detected the colour light and the car correctly. But it has not detected the other colour lights and vehicles

A street with a green light

Description automatically generated

A street with a green light

Description automatically generated

Detected only the bus. Not identified any other objects like car, lorry, colour lights, trees etc.

11. max\_boxes – increase the value. But no changes

Secure\_threshold – decrease the value. No changes

Iou\_threshold – increase the value. No improvements