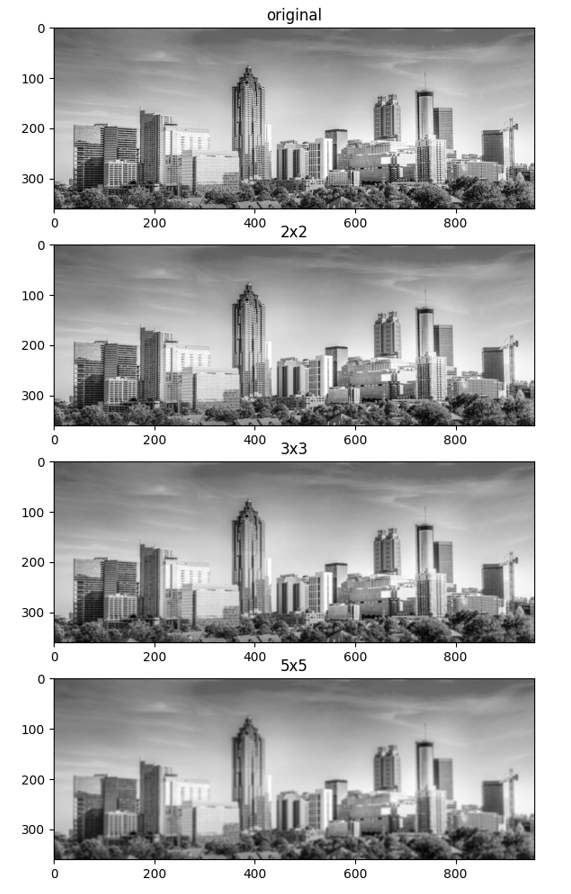
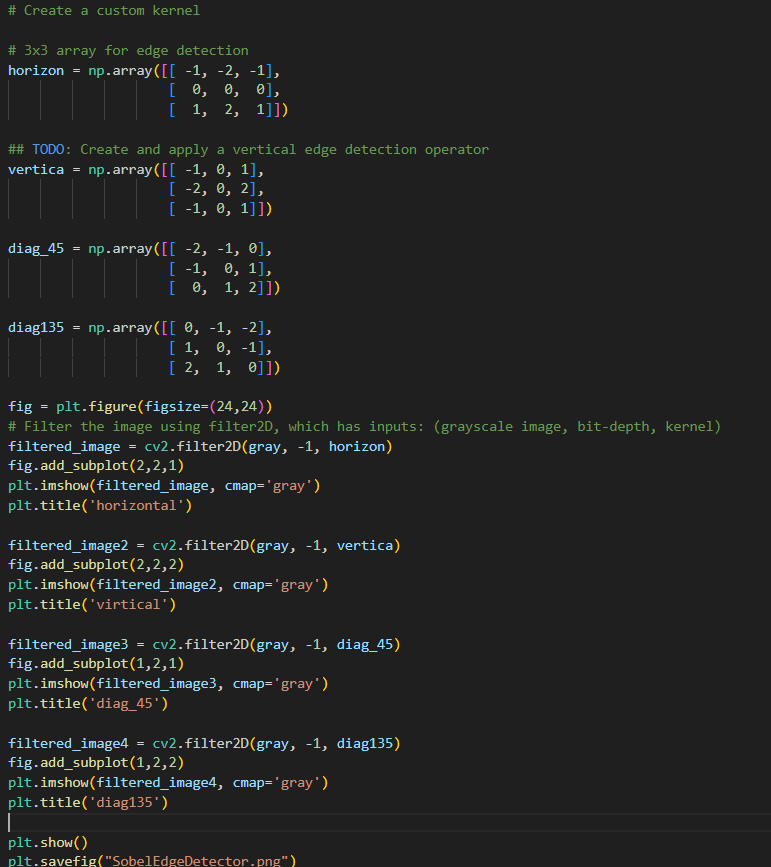
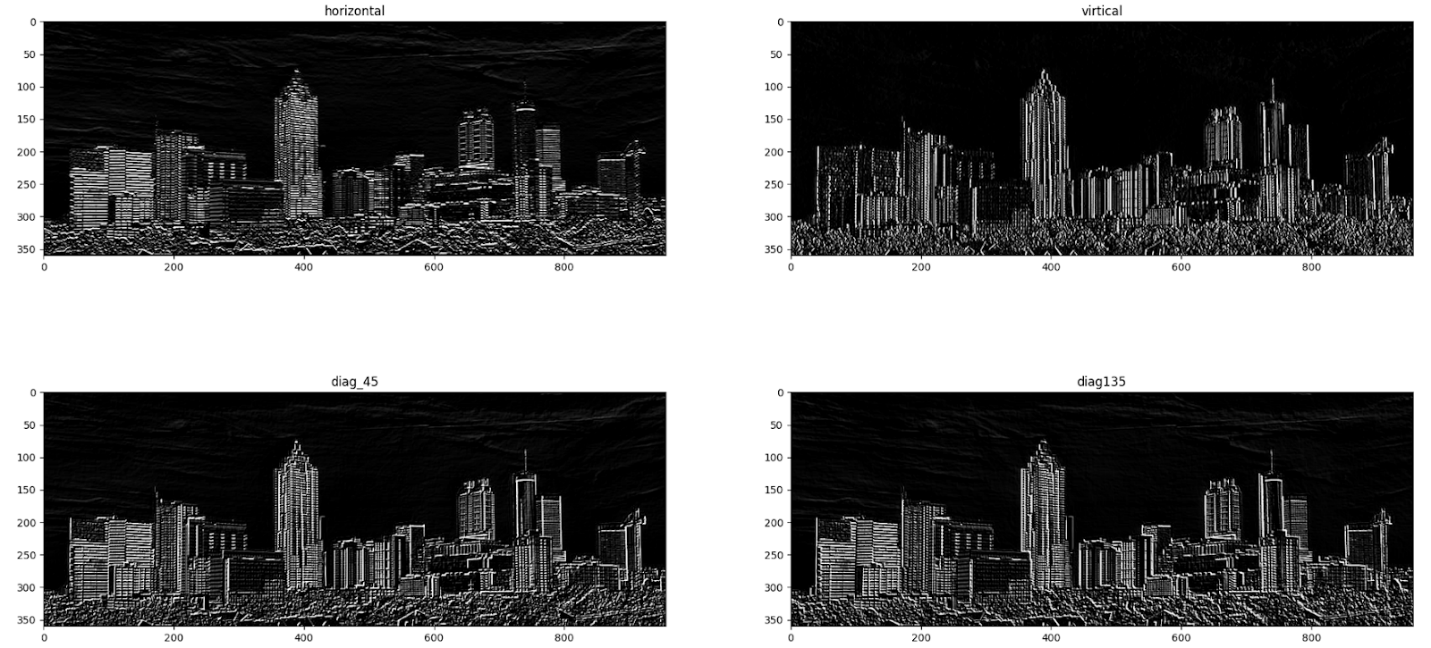


Custom Kernels for blurring.

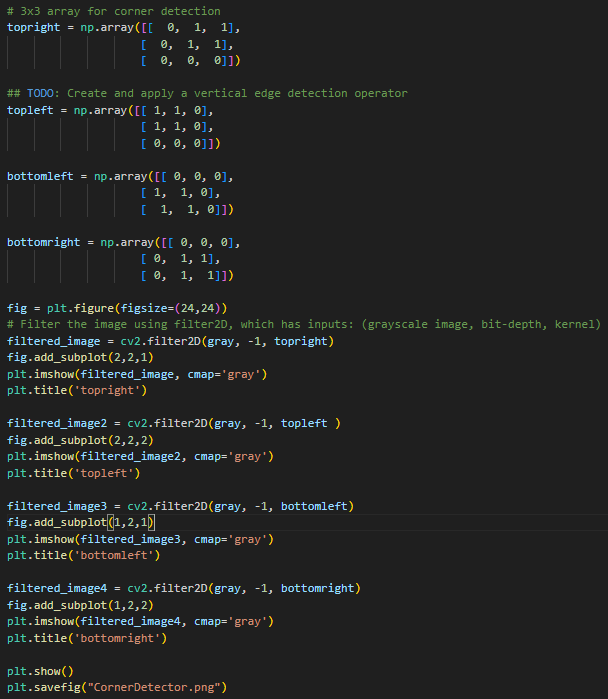
            Filtered images using different sized kernels.



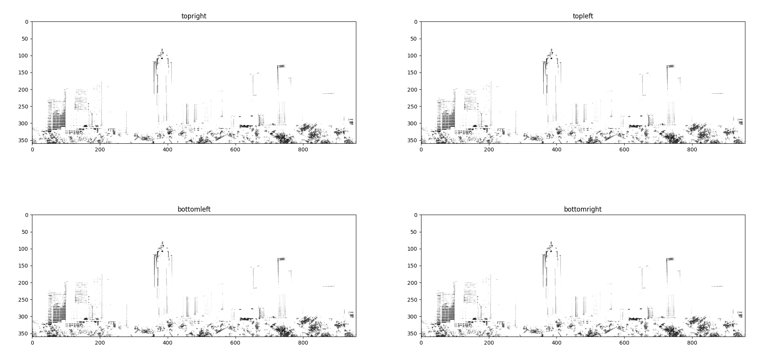
Sobel edge detector.



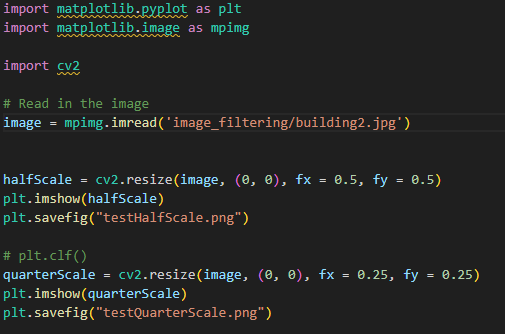
SOBEL DETECTOR(horizontal, vertical, and diagonal edges).



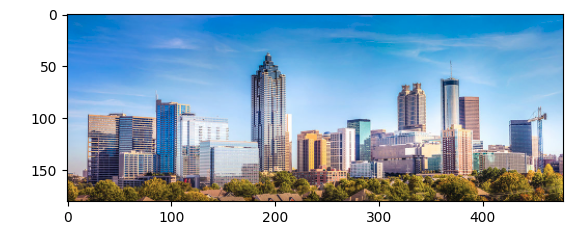
Corner detector.



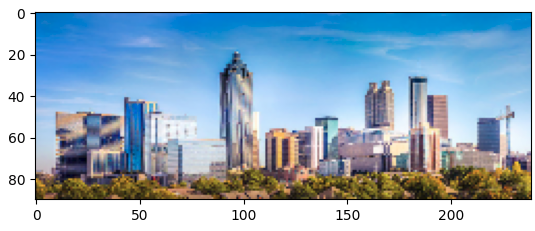
Corner Detection.



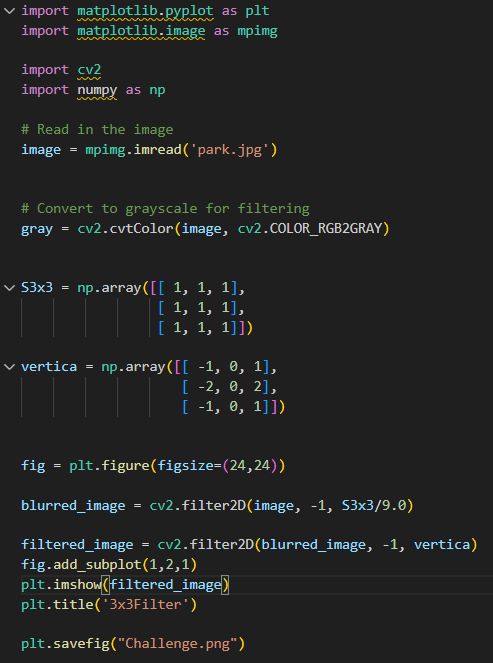
Scaling.



Scaling 2x2



Scaling 4x4



Challenge 3x3 kernel blur + edge detection convolution.



Original Image.



Blurred image.

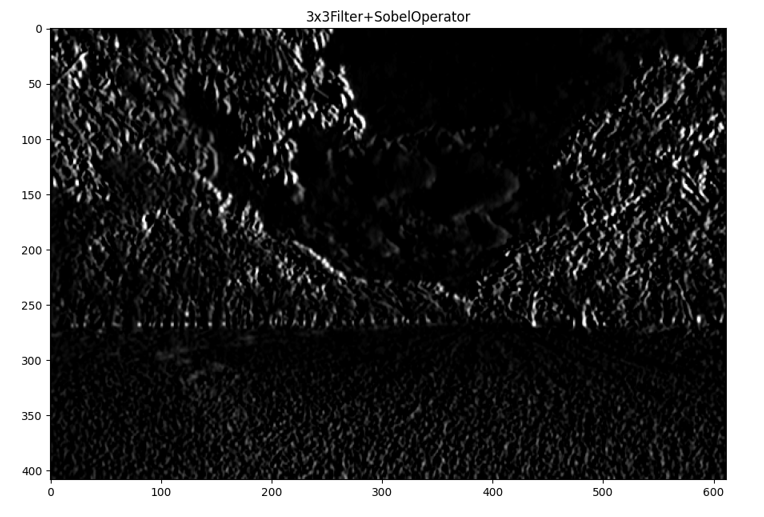
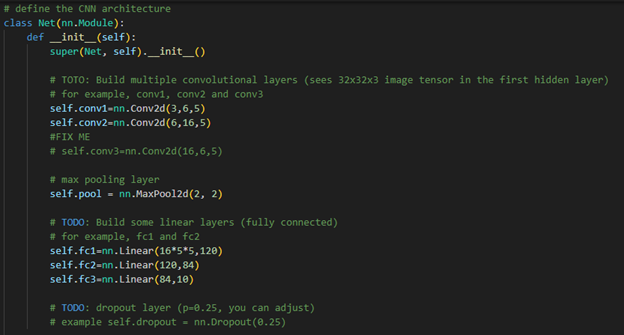
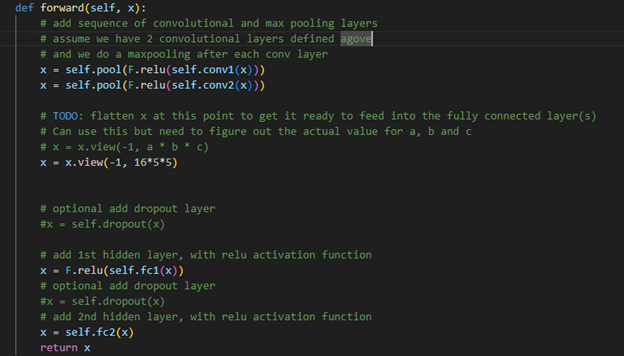
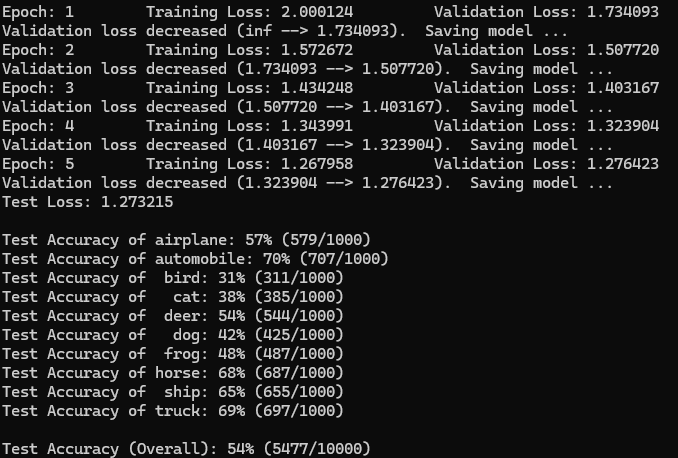


Image blurred using 3x3 uniform kernel and then edges detected using sobel operator.





CNN architecture.



Initial Results.