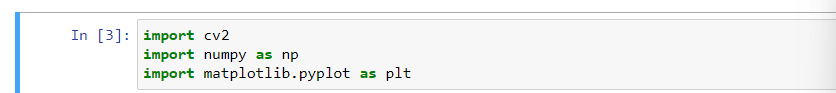
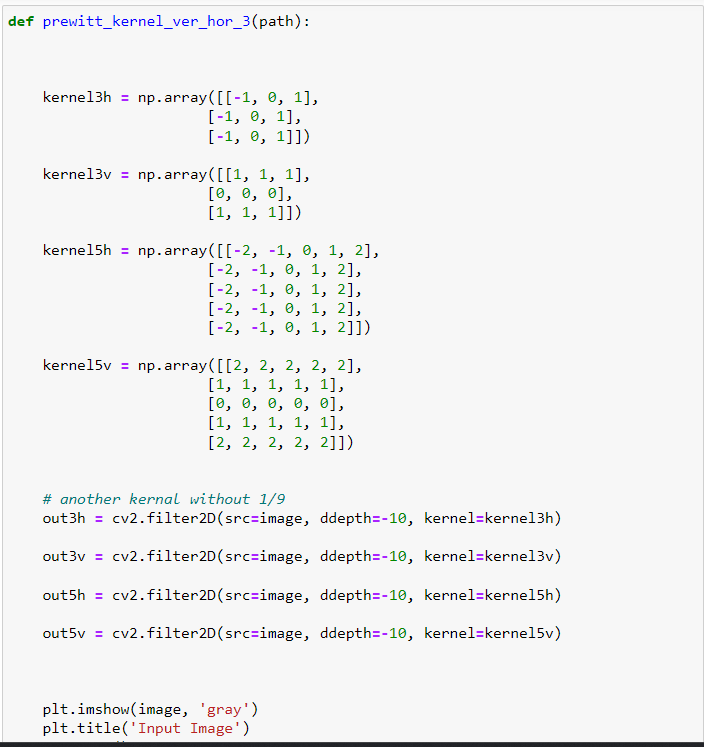
Edge Detection Assignment

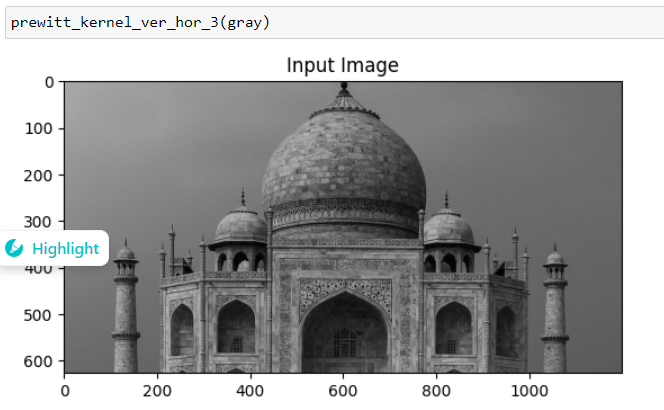
Code:-

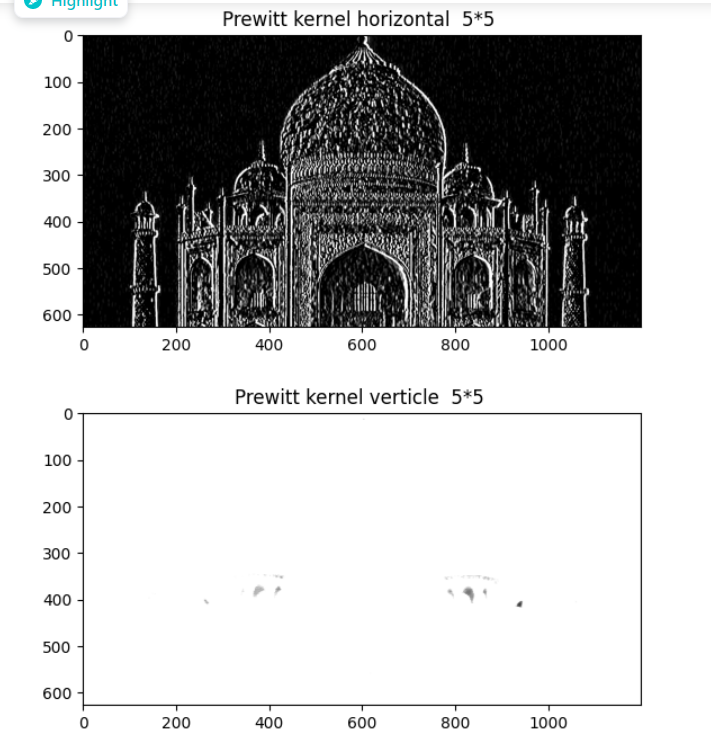
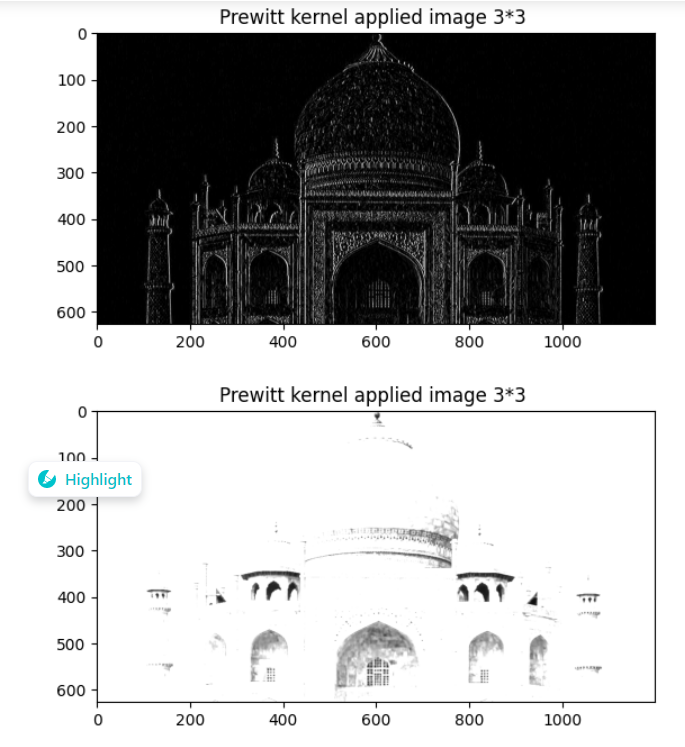


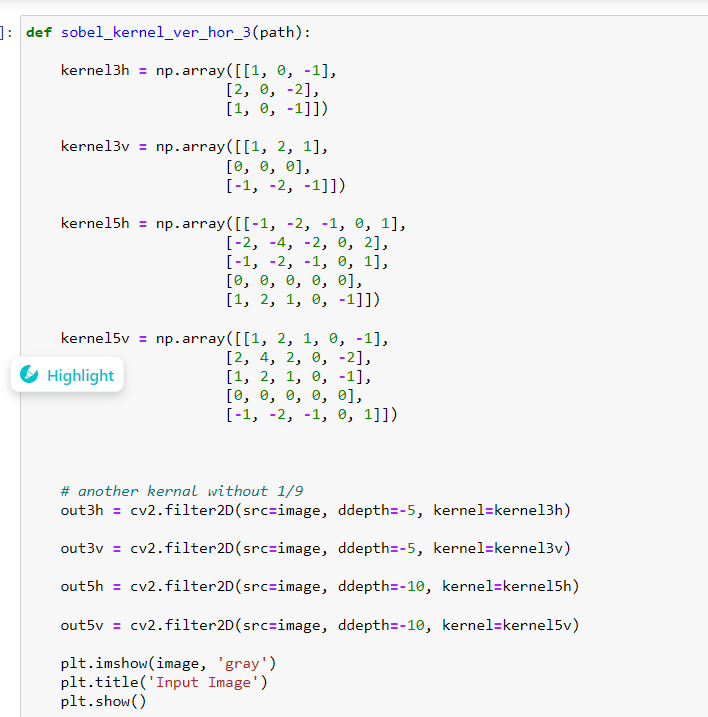






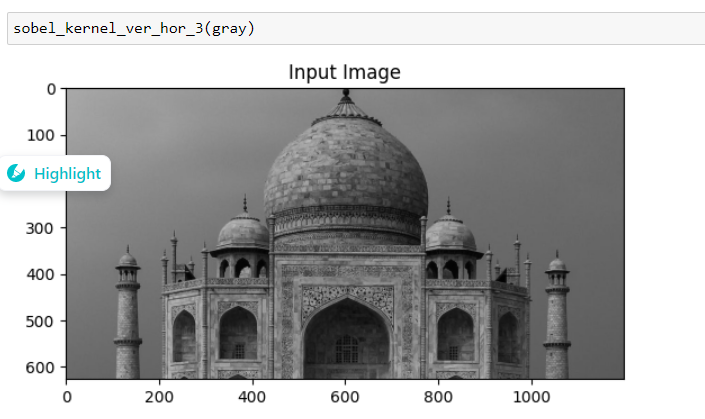


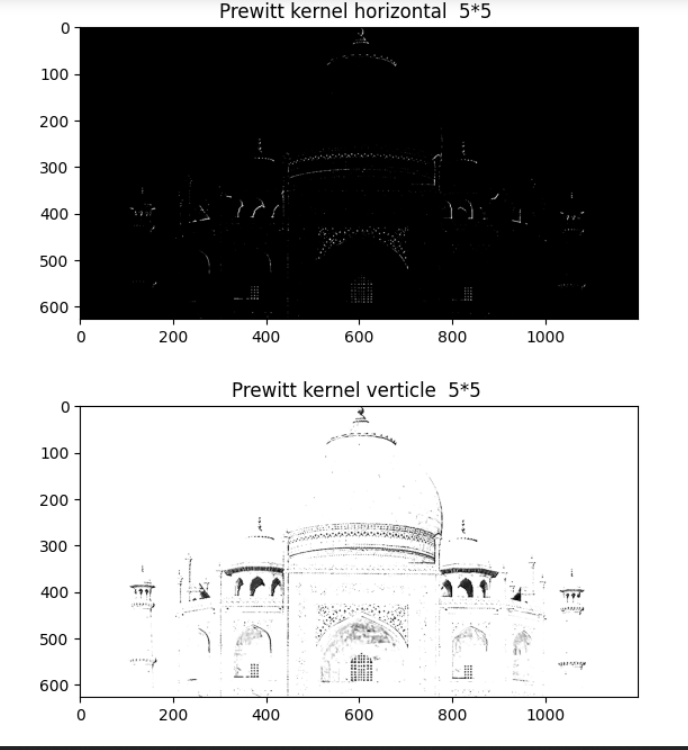
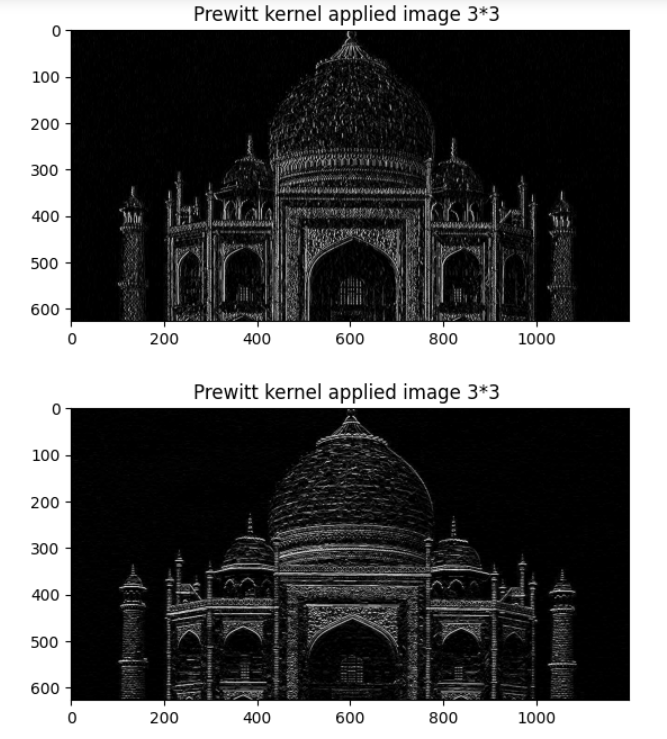


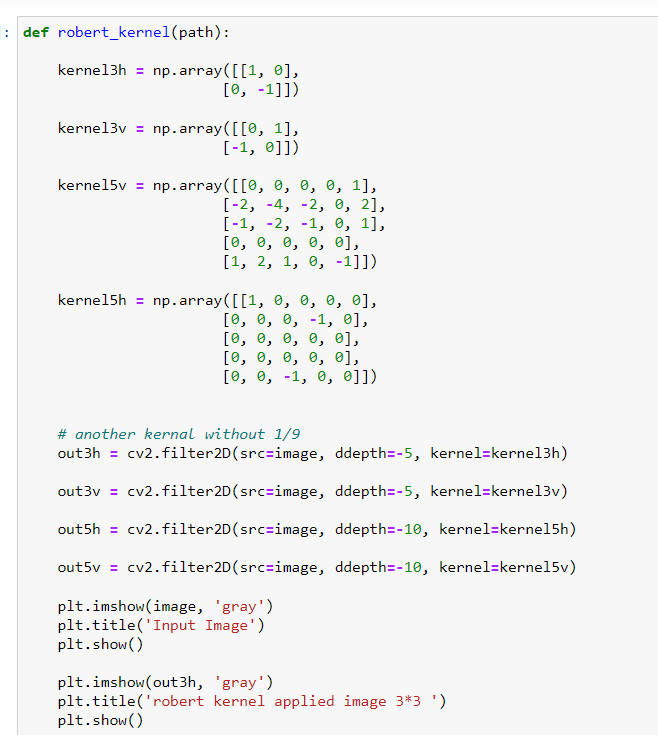




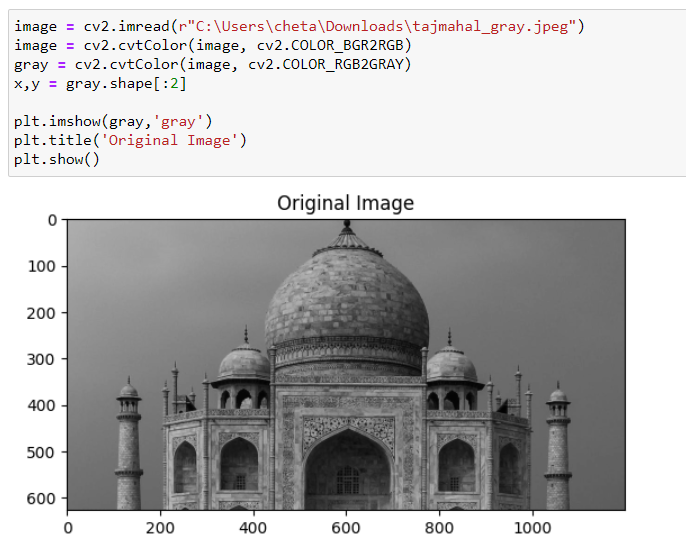


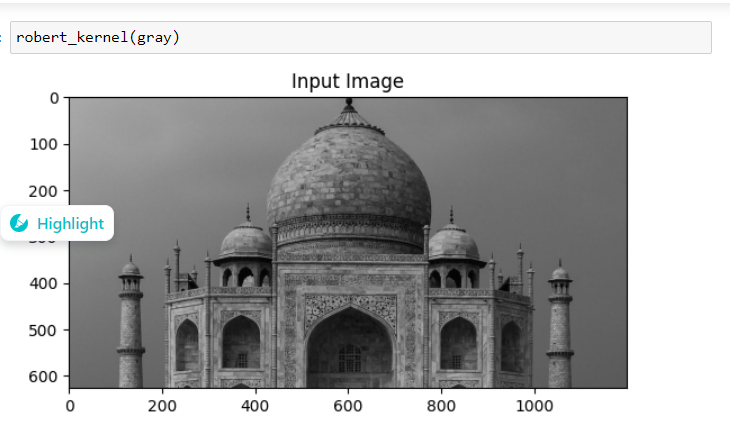


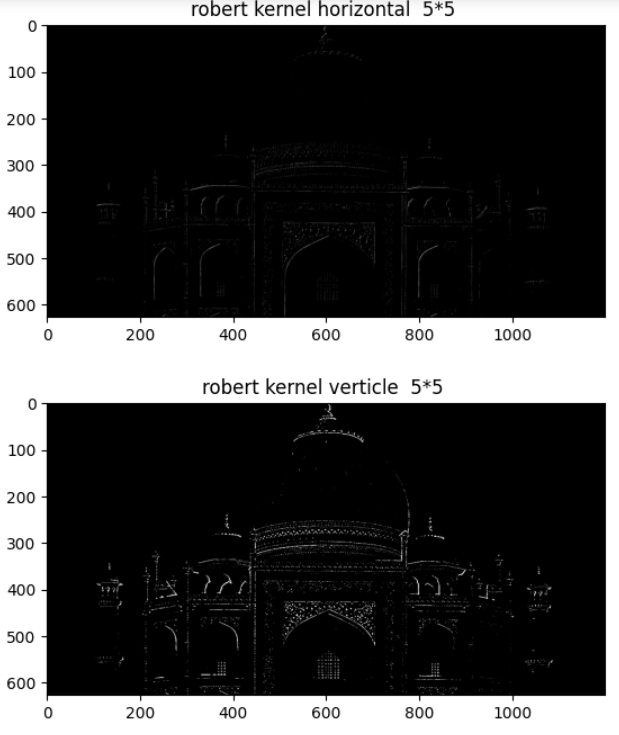
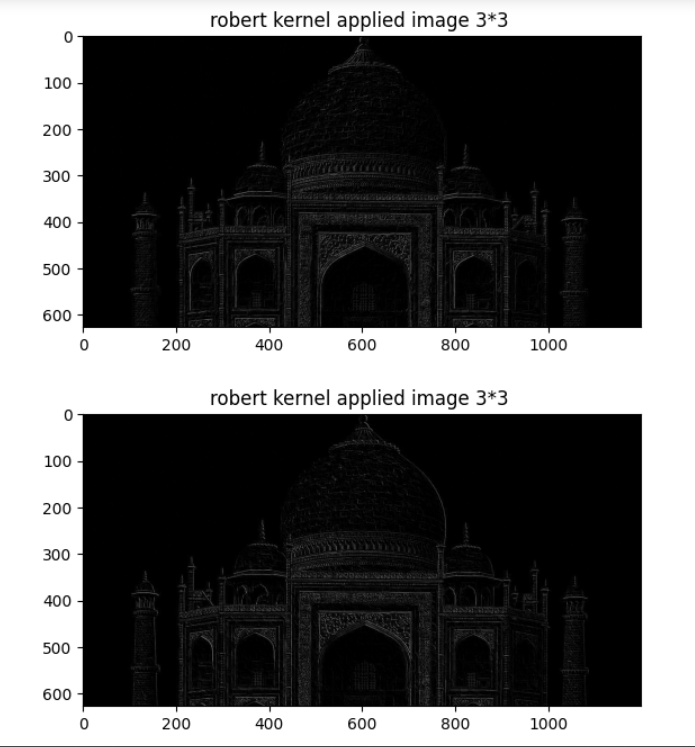




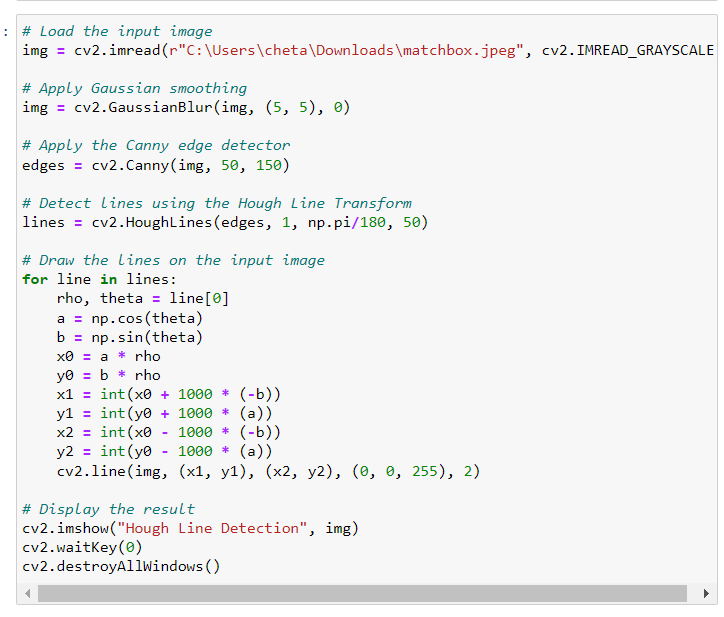












Observation:-

There are different edge detection techniques. We can have different filters like high pass filter , prewitt kernel , sobel kernel, roberts kernel for edge detection. Each one can perform sedge detection in both vertical and horizontal edge detection. We can have 3\*3 and %\*5 filter as per our requirement. Canny edge detection is another technique for edge detection. Hough transfor aslo use to detect line and circle detection.