OpenCV- Line Detection

1. The Video feed is captured, and the frames are read
2. A gray scale image of the frame is created
3. Gaussian blur is applied to the gray scale image
4. Inverse threshold is applied. The threshold value is given such that parts with almost black color, i.e. value greater than threshold value is given a bit value, (here white) and other are given another value (here black)
5. Contours are found in the threshold image
6. Minimum enclosing rectangles are found for each of the contours and their coordinates are stored
7. A red rectangle is drawn around the contour using the coordinates

