QUESTION 1

- Since the task was to make the vertical sheets clearer, I applied sobel edge detection and I played around with x and y parameters, and continued with what I felt was good enough detection.
- Next, I did binary inversion of the image (black to white and vice versa) and enhanced the edges by putting binary threshold.
- Now I added morphological dilate operator vertically, in order to get the line edges better.
- After taking binary inversion, I tried binary threshold again (same as binary threshold inverse).
- These lines can be detected through Houghlines and then counted, even though few parts of the lines are erased off, Houghlines can still detect the line.