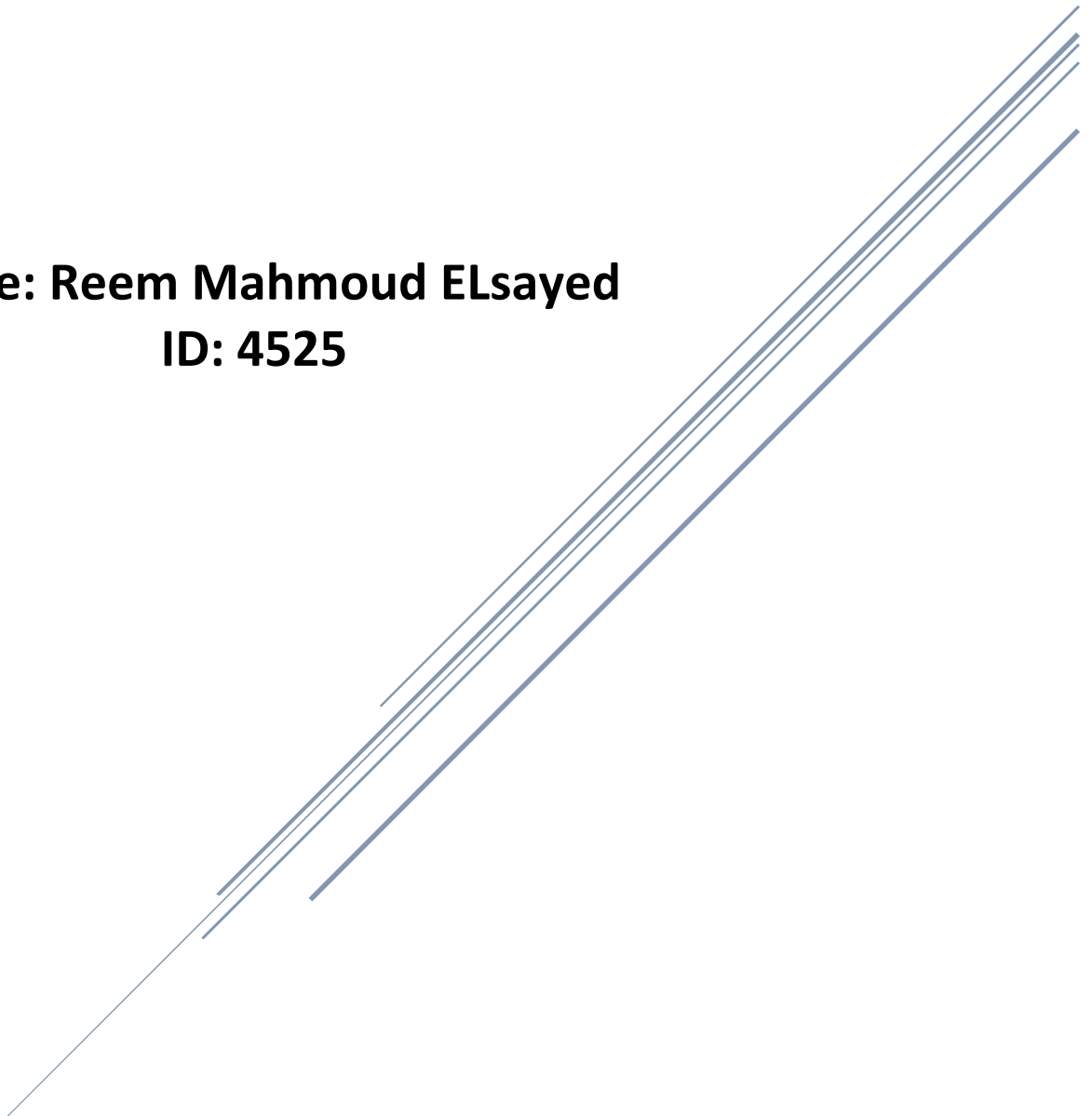


ASSIGNMENT 4 : HOUGH LINE

Computer vision

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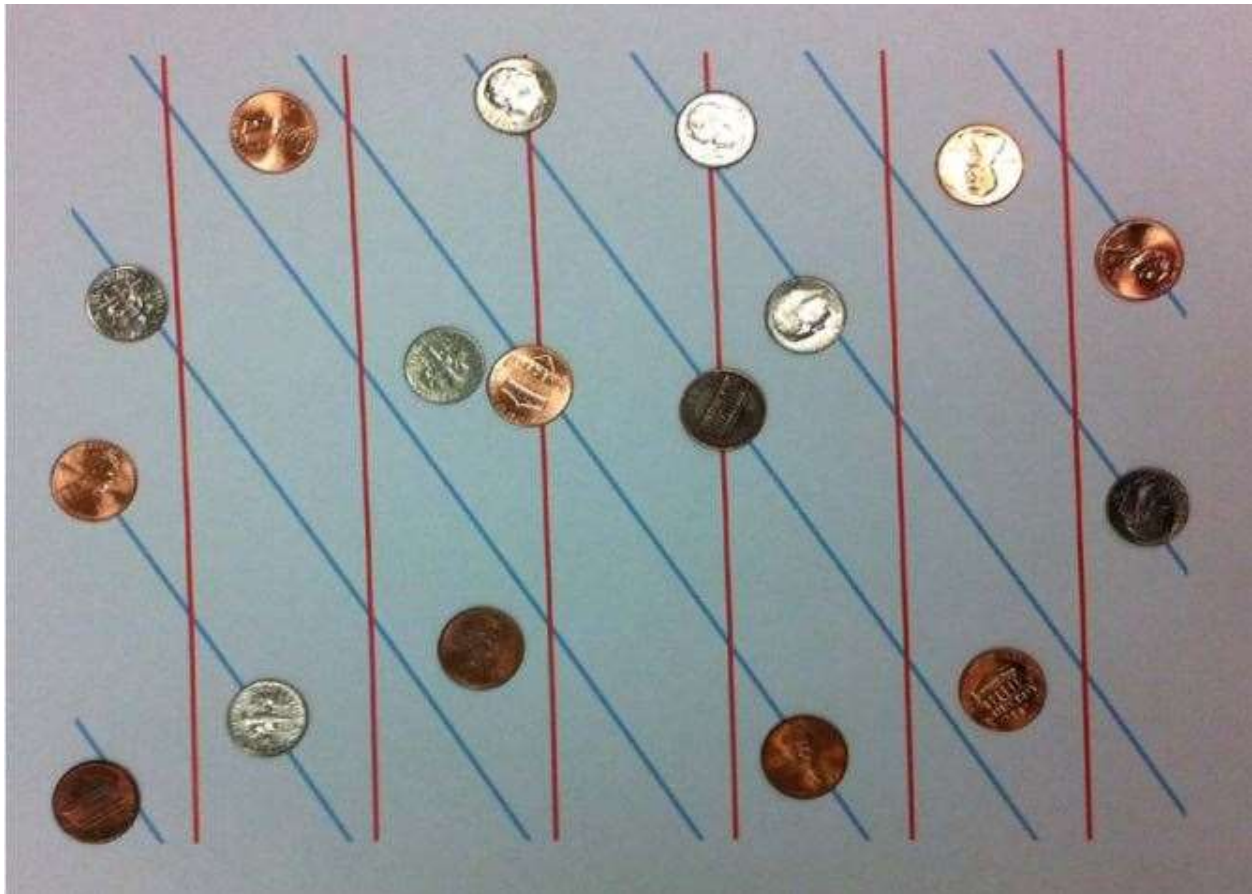


Assignment 4

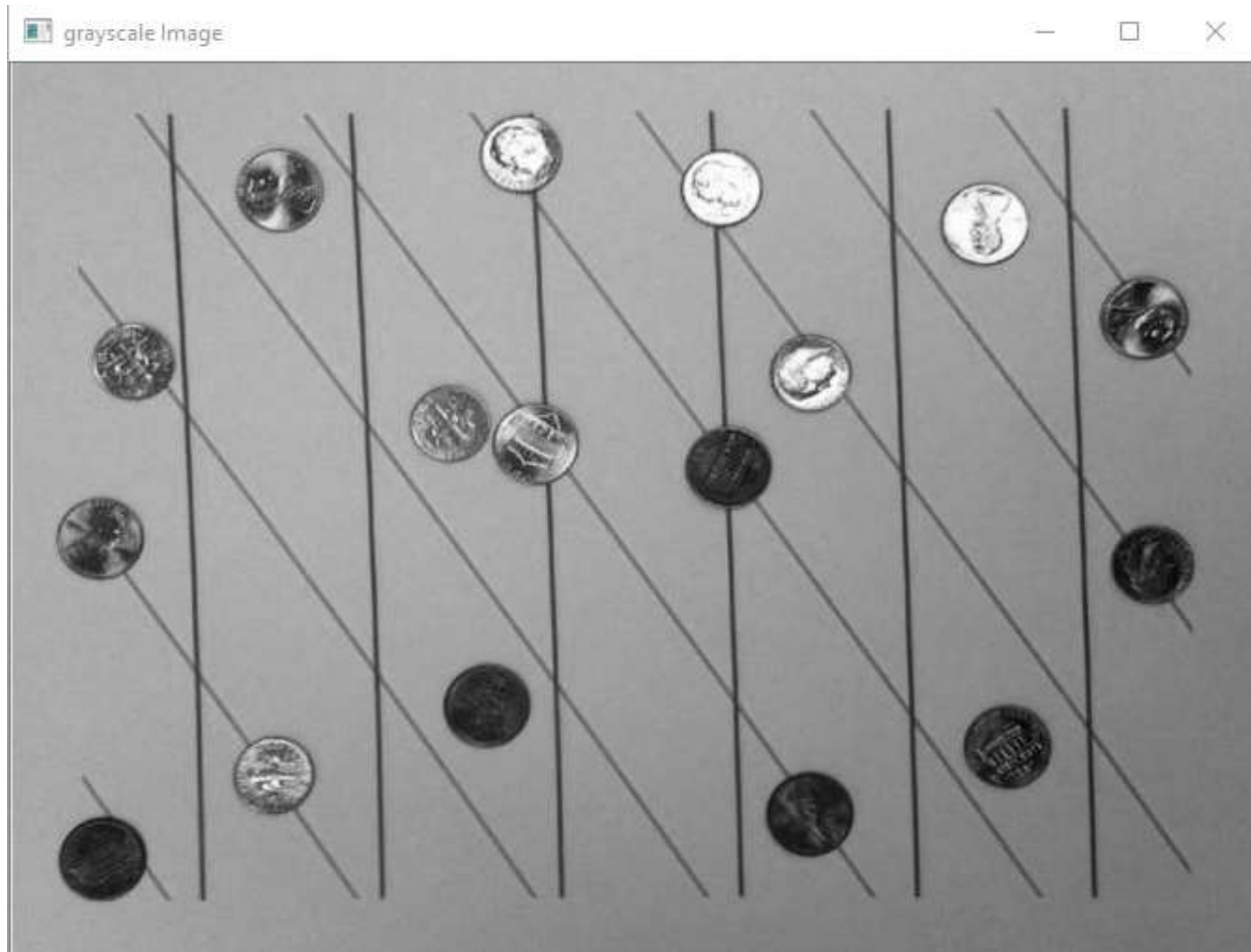
Q1) Implement Hough Transform algorithm for line detection (may be multiple lines) from binary images. The output of this module would be a binary image with fitted lines. Experiment with different quantizations and thresholds.

Answer:

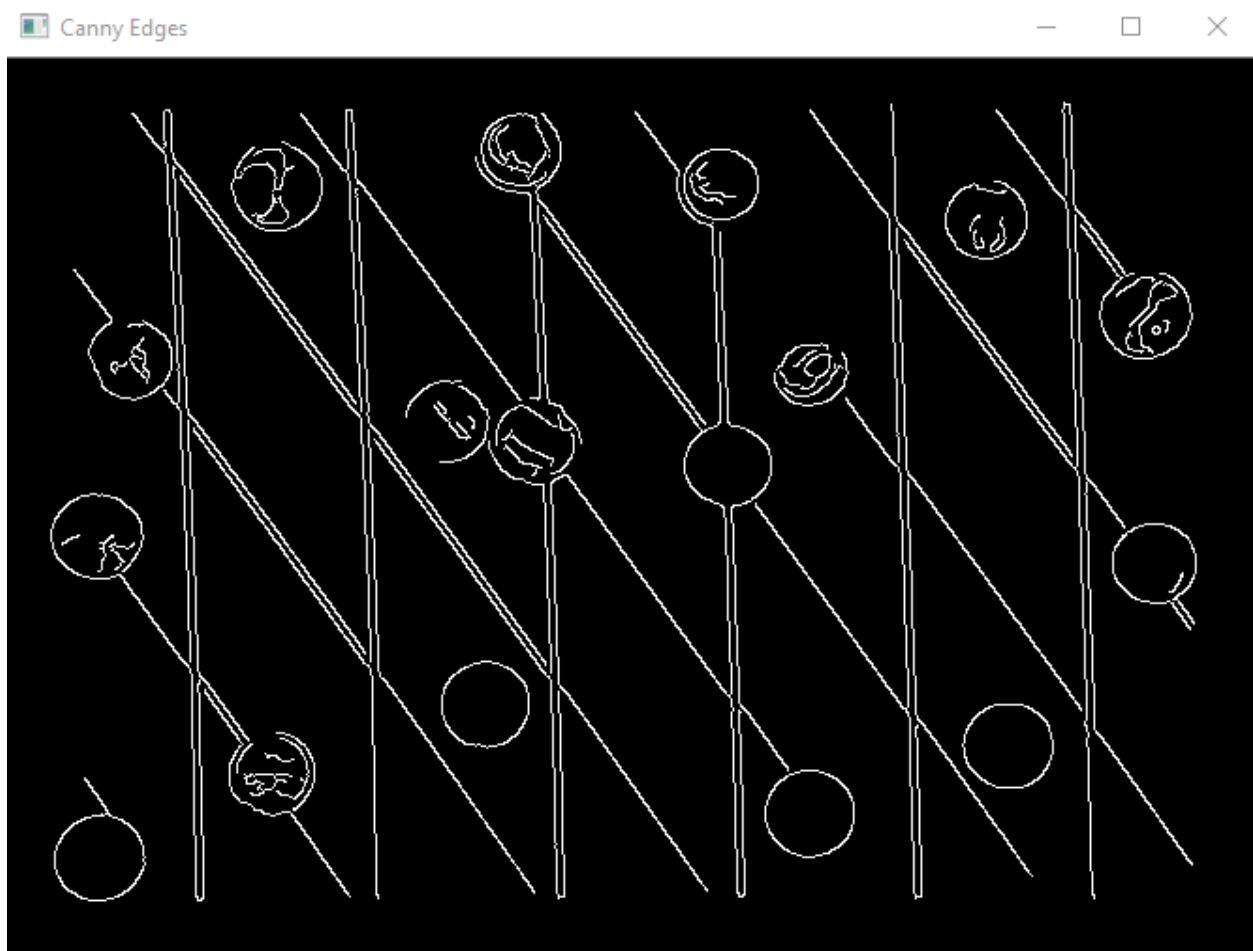
The input image:



The image in grayscale:



The image after canny edge detector:



The final image after detecting the lines:

