Digital Image Processing - Assignment 02

1. Write a pseudo code to compute a global threshold using image histogram. How edge detection improves thresholding?

2. Describe the process of edge detection using Canny's method.

3. How lines are detected using Hough transform?

4. Describe different filters for point and line detection in an image.

5. Explain region growing, merging and splitting techniques.

6. Derive optimum threshold using Otsu's method.