COM322 LAB7

P1. Use the canny edge detector to emphasize edges in an image with a red lining as shown in the right image below (left is original).

Now repeat with a thicker stylus (like a pen tracing the edges) in a different color.

P2. Complete the given program to identify the shape in each image (assume one shape per image) in a scale and rotation independent way. Assume the shape can only be one of the following: triangle, square, rectangle, or star; all with solid black fill as shown below. To accomplish this you can make use of the given Harris corner detector code. Note that the shapes are different sizes and some are rotated. Display the result of the recognition in the command window using the following syntax:

fprintf(' ---------------------- SQUARE ---------------------\n');