This was a C++ project for a Machine Vision course, in which we were instructed to read in an image to the program and perform different manipulations on the image. First the image was converted to grey scale and then thresholding was performed to create a black-and-white image, to simplify the image and make it easier to perform subsequent operations. Operations performed included histogram equalization, edge detection using Roberts and Sobel operators, as well as Laplacian of Gaussian, erosion/dilation, Hough transform, corner detection, and point correspondence.