1. Perform automatic thresholding on the image lena.pgm using
   a. Otsu’s method
   b. Ridler’s method
   c. Divide the image into four parts, and then apply
      i. Otsu’s method on each part and combine to get the total binary image
      ii. Ridler’s method on each part and combine to get the total binary image

Submit the C/C++ program using the code for I/O on the class website, that solves a, b, c (i and ii) above. Submit your program and a brief written report with description of your program and the performance.