Computer Version HW6

Write a program which counts the Yokoi connectivity number on a downsampled image(lena.bmp).

1. Downsampling Lena from 512x512 to 64x64:
   Binarize the benchmark image lena at 128, then using 8x8 blocks as a unit, take the topmost-left pixel as the downsampled data.

2. Count the number of 'q' in neighbors, and compute Yokoi connectivity number on a downsampled lena using 4-connected.

3. Result of this assignment is a 64x64 matrix, save as txt (without 0 value)

Yokoi