# **Assignment 2**

You are supposed to use GUI for the following functions:

1. Write functions that perform the following logical operations on two images:

AND, OR, NOT.

1. Extend the logic operations to include NAND, NOR, and more complex Boolean expressions.
2. Write a function to subtract two images.
3. Write a function to reduce the number of gray levels in an image by uniform quantization. Allow the user to specify: (1) how many gray levels in the output image and (2) to map the gray levels to the beginning, middle, or end of the range.
4. Write a function to perform IGS quantization.

Good Luck!!!