

Inel 5327

Project I

Name: _____

Spring 2009

StudentID: _____

Due Date: Feb'13 2009

1. Write a computer program capable of reducing the number of intensity levels in an image from 256 to 2, in integer powers of 2. The desired number of intensity levels needs to be a variable input to your program.
 - (b) Download Fig. 2.21(a) from the book web site and duplicate the results shown in Fig. 2.21 of the book.
2. Write a computer program capable of performing the four arithmetic operations between two images. This project is generic, in the sense that it will be used in other projects to follow. In addition to multiplying two images, your multiplication function must be able to handle multiplication of an image by a constant.
3. Turn in the project report in the format specified.