

Heaven's Light is Our Guide
Rajshahi University of Engineering & Technology
Department of Computer Science & Engineering
4th Year 1st Semester B.Sc. Engineering Examination
Course No: CSE 4106
Course Title: Sessional Based on CSE 4105

Serial No.	Name of the Experiment
1.	<p>a) Write and execute programs to perform the following operations on images. At first, create one image with white background of size (500 X 500) and put a circle of black color on that image as foreground. Secondly, create another image with white background of size (500 X 500) and put a rectangle of red color as foreground.</p> <ul style="list-style-type: none">● Perform the addition operation between two images.● Perform the subtraction operation between two images.● Perform the multiplication operation between two images.● Perform the division operation between two images.● Perform the logical operations (AND, OR and NOT) between two images. <p>b) Write a program to read a gray scale image and calculate it's mean intensity value. Now, increase the intensity value by a constant range and calculate the new mean intensity value.</p> <p>c) Write a program to perform the following operation:</p> <p>Sample Input:</p>

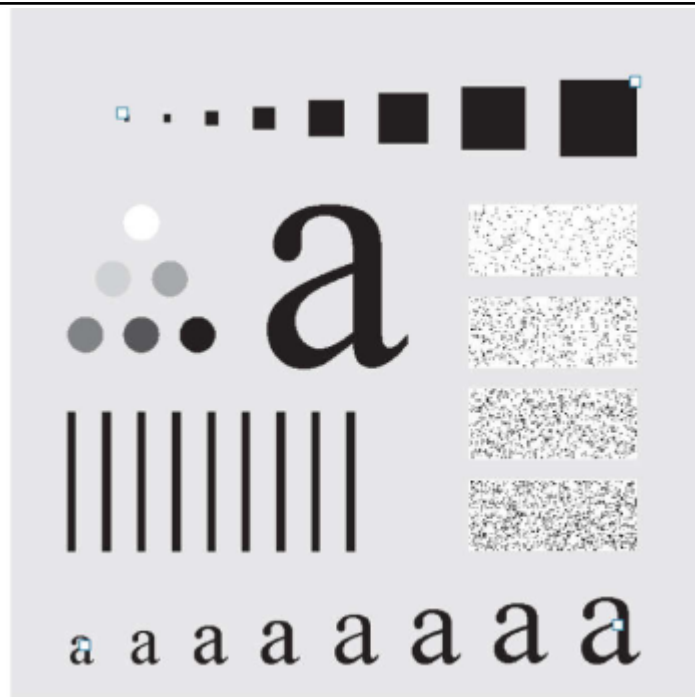


Sample Output:

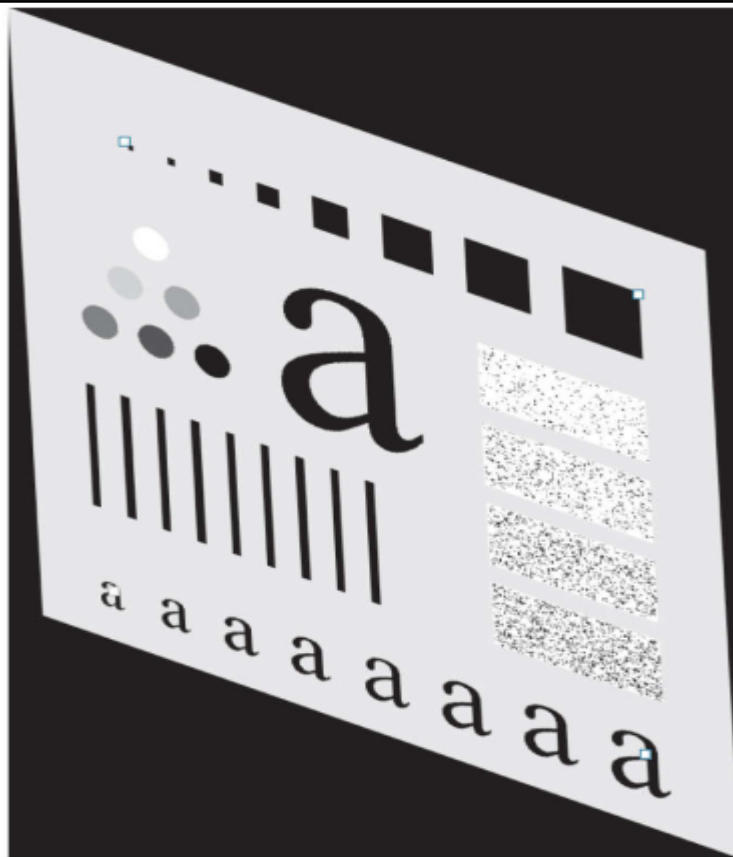


d) Write a program to perform the following operation:

Input image:



Reference Image:



Output Image:

