

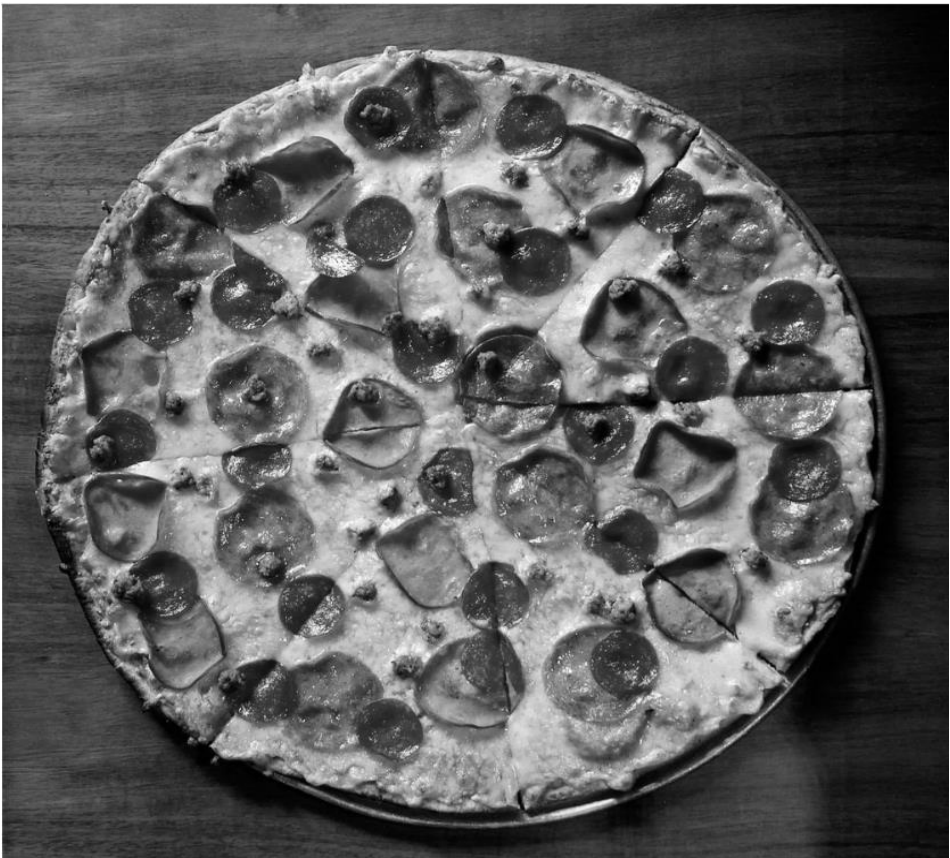


<i>Heaven's Light is Our Guide</i>
Rajshahi University of Engineering & Technology
<i>Department of Computer Science & Engineering</i>
4th Year 1st Semester B.Sc. Engineering Examination
Course No: CSE 4106
Course Title: Sessional Based on CSE 4105

Serial No.	Name of the Experiment
1	a) Write a program to read, write and display an image.
	b) Display the properties of the given image like height, width, no. of channels and size.
	c) Display the individual channels (R, G, B) pixel values in that image.
	d) Separate the given color image in three R G & B color channels.
	<div>Sample Input:</div>  <div>Sample Output:</div> 

e) Convert the given color image into gray-scale image and display the shape of the gray-scale image.

Sample Output:



f) Write a program to read an image and perform cropping and flipping operations on that image.

g) Resize only the width and height of the given image respectively and display both images.

h) Display the input image according to the following outputs.

Sample Input:



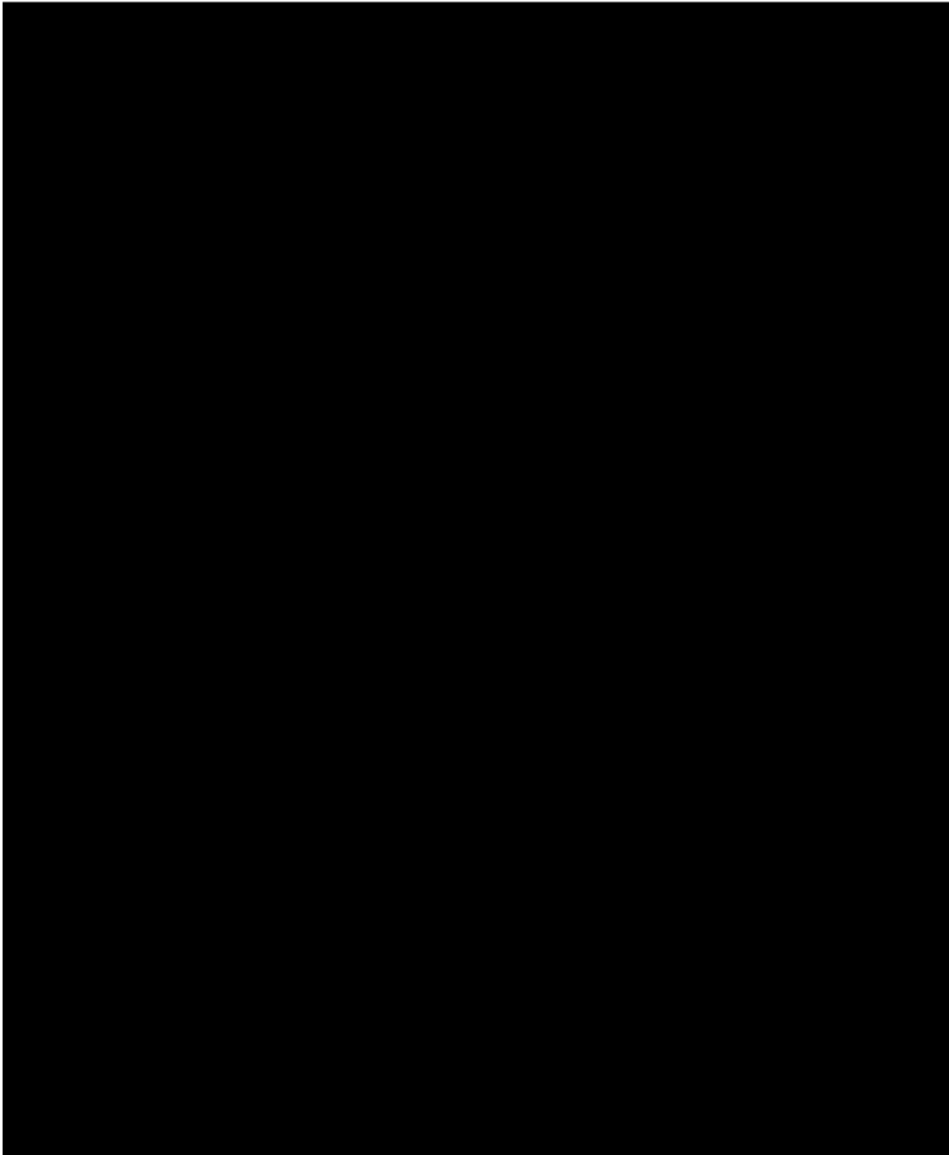
Sample Output:



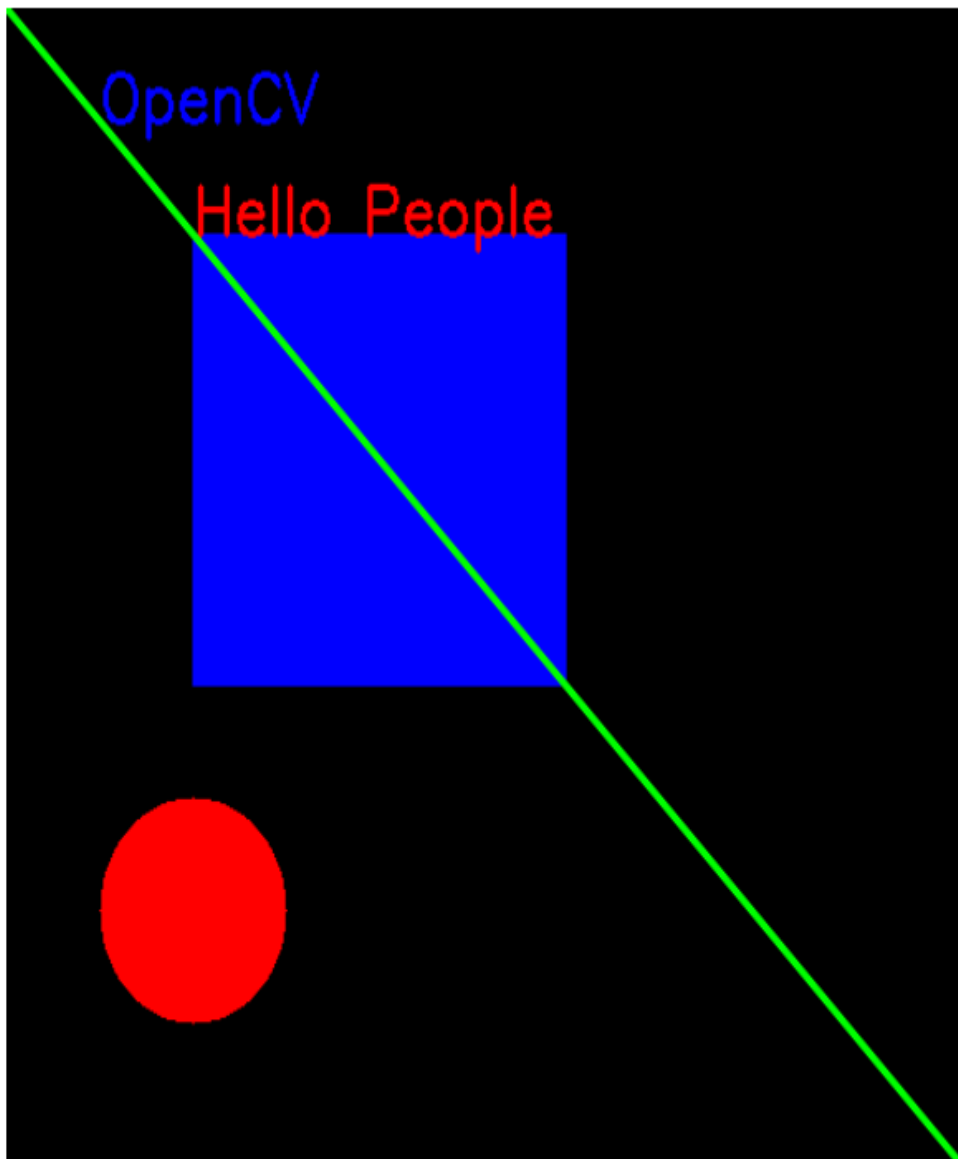


- i) Write a program to create a 512X512 full black image and draw line, rectangle, circle and text on that image.

Sample Input:



Sample Output:



j) Write a program to perform the appropriate operations on the given input image and display the output images.

Sample Input:



Sample Output:

