**Introduction to Image Processing**

Problem-1:xximage1.m : Write a program to convert any RGB image file to Gray scale. Use formula : gs=.2989\*r+.587\*g+.114\*b.

Problem-2:xximage2.m : Write a program to convert any RGB image file to Gray scale. Use formula : gs=.2989\*r+.587\*g+.114\*b. Paste Gray scale image on RHS of RGB Image

Problem-3:xximage3.m : Write a program to convert any RGB image file to Gray scale. Use formula : gs=.2989\*r+.587\*g+.114\*b. Convert Gray scale image to B/W. Finally paste both gray scale and b/w images on RHS of RGB image.

Problem-4: xximage4.m: Write a program to split an image into 2 images. Split along y-axis

Problem-5: xximage5.m: Write a program to split an image into 2 images. Split along x-axis

Problem-6:xximage6.m : Write a program to reflect an image along y-axis.

Problem-7:xximage7.m : Write a program to reflect an image along x-axis.

Problem-8:xximage8.m : Write a program to reflect an image along x-axis and then along y-axis.