1. Read, write and Display an Image.
2. Mirror and flip an image.
3. Divide an image into different parts.
4. Read a gray-scale image, modify the pixel intensities which are greater than 120 as white, less than 50 as black and rest as unmodified.
5. Find the mean of a gray-scale image and set it as the threshold value. Using the threshold value convert the image into binary image and display it.
6. Vary the resolution of an image from 1 bit to 8 bit.
7. Read an gray scale image and write a program to zoom and shrink the image using
    a. Pixel replication method.
    b. Interpolation method.
8. Read a gray scale image and negate the image.
9. Read a RGB image. Extract its red, green, and blue components and display it individually.
10. Read a RGB image and convert it to a YIQ model and reconvert it back to RGB. 11.

Convert an RGB image to indexed image and followed by RGB image.

ASSIGNMENT

12. Convert the RGB image into CMY model and CMY model into RGB model.