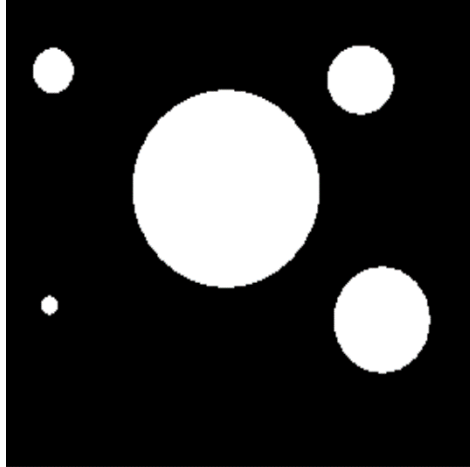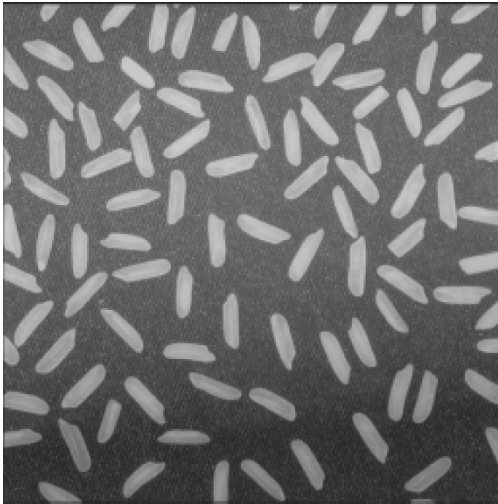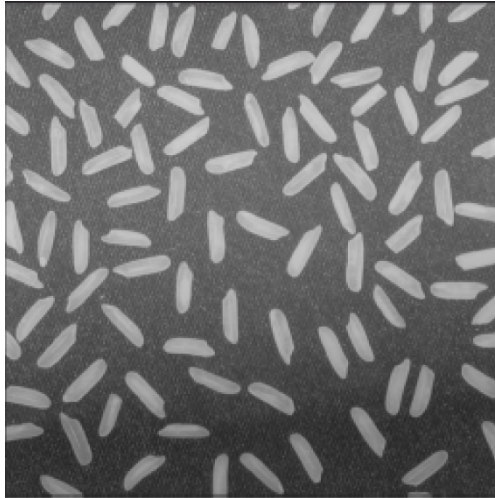# Lab-02

1. Determine the perimeter of an object by using 4 connected neighborhoods and 8 connected neighborhoods.
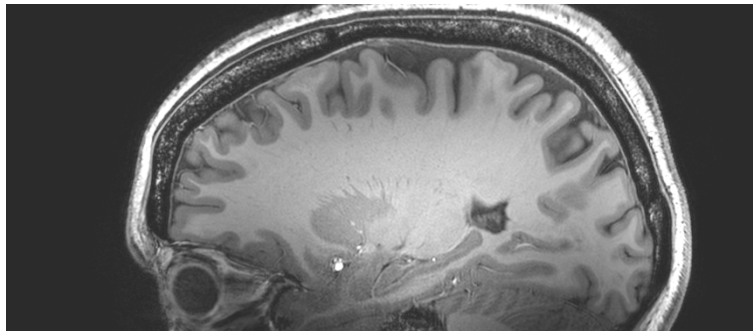

2. Create a binary image using threshold.

3. Determine the number of objects in the binary image generated in Question 2 using the concept of connectivity.
4. Find the Euclidean distance between two points of the image.

5. Apply the following operations using img1 and img2:
   a. Addition
   b. Subtraction
   c. Multiplication
   d. Division

6. Apply the following operations using img1 and img2:
   a. AND
   b. OR
   c. NOT

7. Find the digital negative of the image.

8. Apply bit plane slicing on the image.

9. Use contrast stretching on the image.

10. Change the contrast of the image using Logarithmic Transformation and Power-law Transformation.