Image technology project

By using any available software tool, you should execute the following requirements
You will receive three medical images & you should able to generate that

1- loading the image into the s/w tools

2- Read, display and determine the size of the image

3- Control the contrast

a- Increase the contrast
b- Decrease the contrast
c- Inverse the contrast of the image

4- Zooming

a- Zooming in
b- Zooming out

5- Rotate the image

a. 90 degrees
b. 180 degrees
c. 270 degrees
d. Specific Ө

6- Getting the histogram of the image

7- Applying a histogram equalization

8- Applying filter for the image (determine specific filter and why)

9- Making image object detection

10- GUI is over degrees

11-applay free hand selection

12- measure any object using Cartesian of two points.