Name: Kumari Rashmi   ED6001 Assignment 2
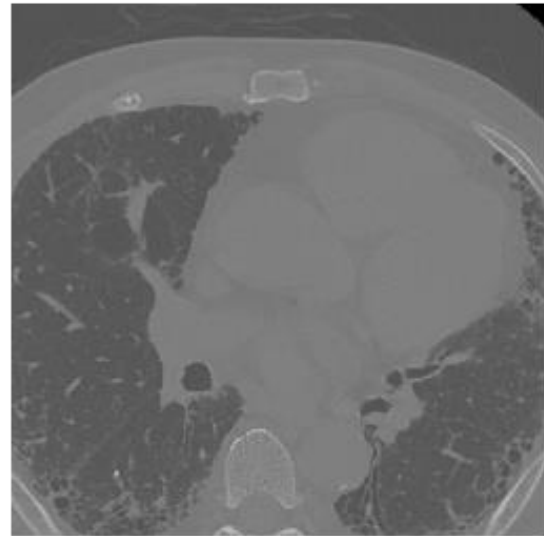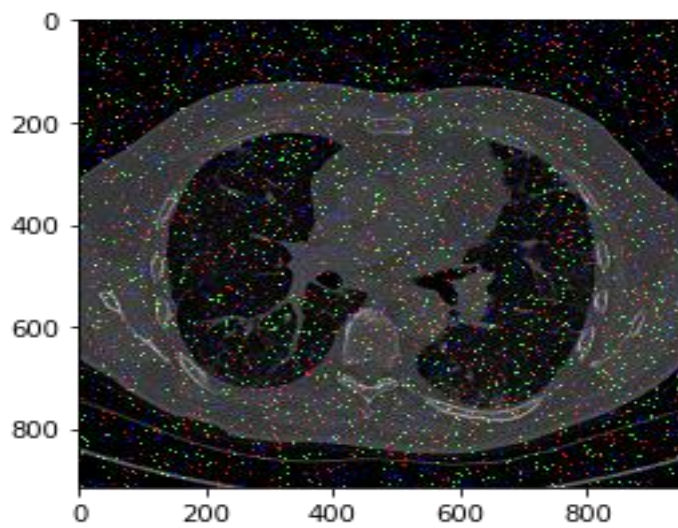Roll No: EE20S051
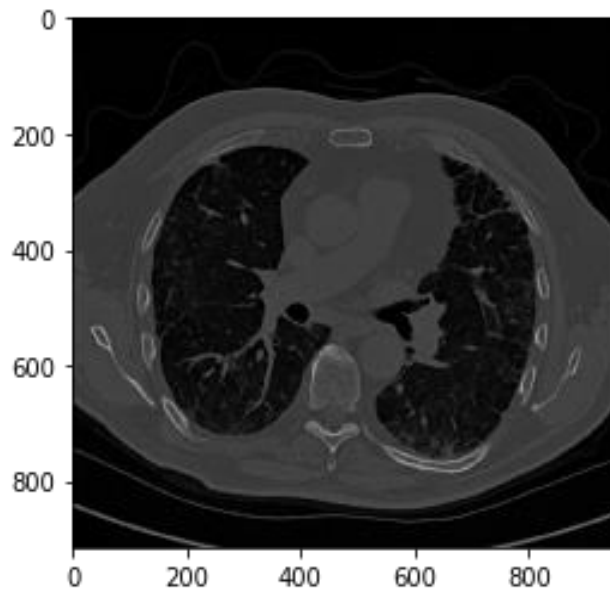
Original image1

Original image2

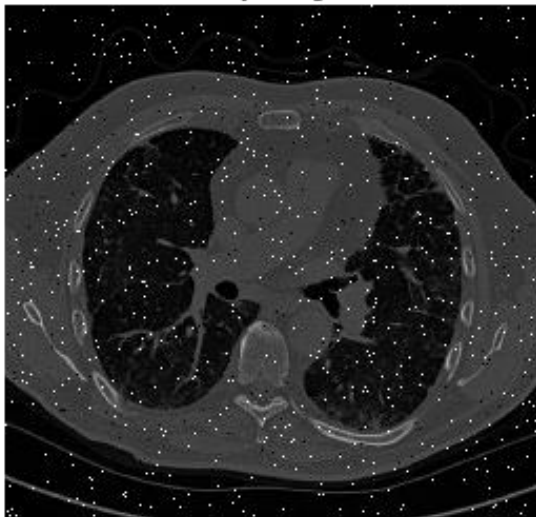After Applying Gaussian Noise on image1:

After applying median filter on the noised image:

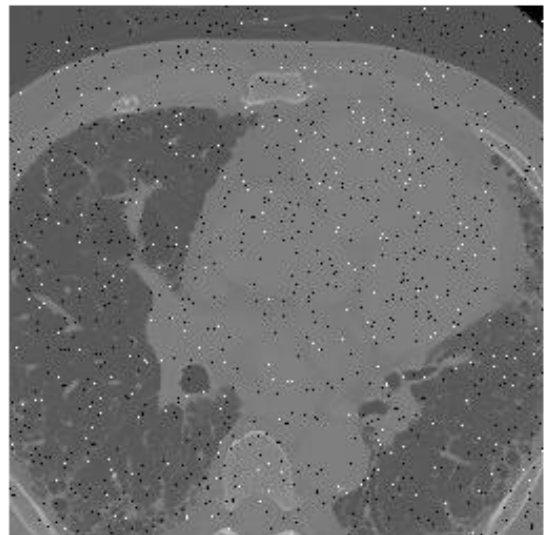Name: Kumari Rashmi   ED6001 Assignment 2
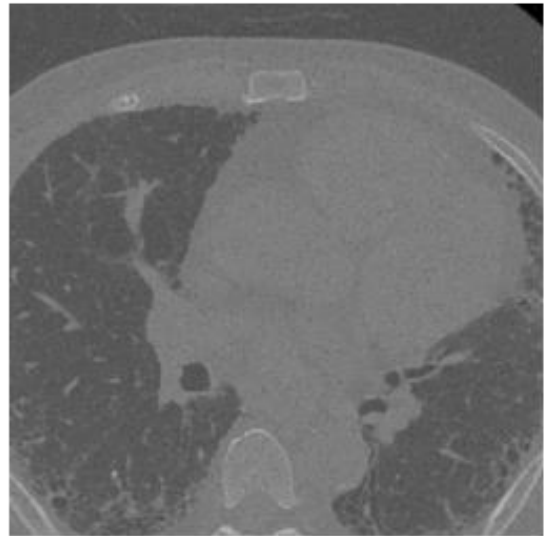Roll No: EE20S051

Applying salt and pepper noise:

Applying mean filter on the noised image:

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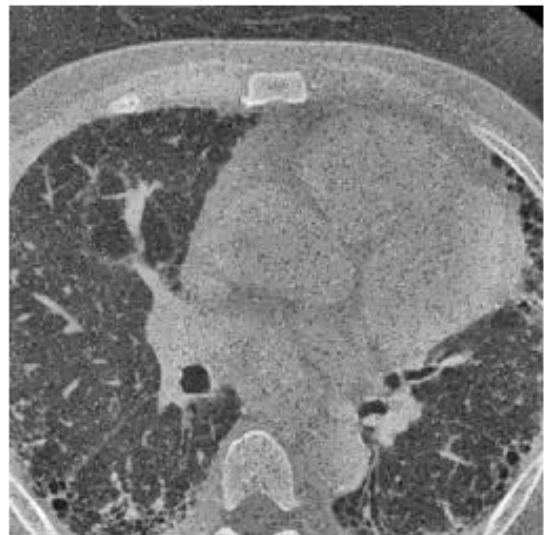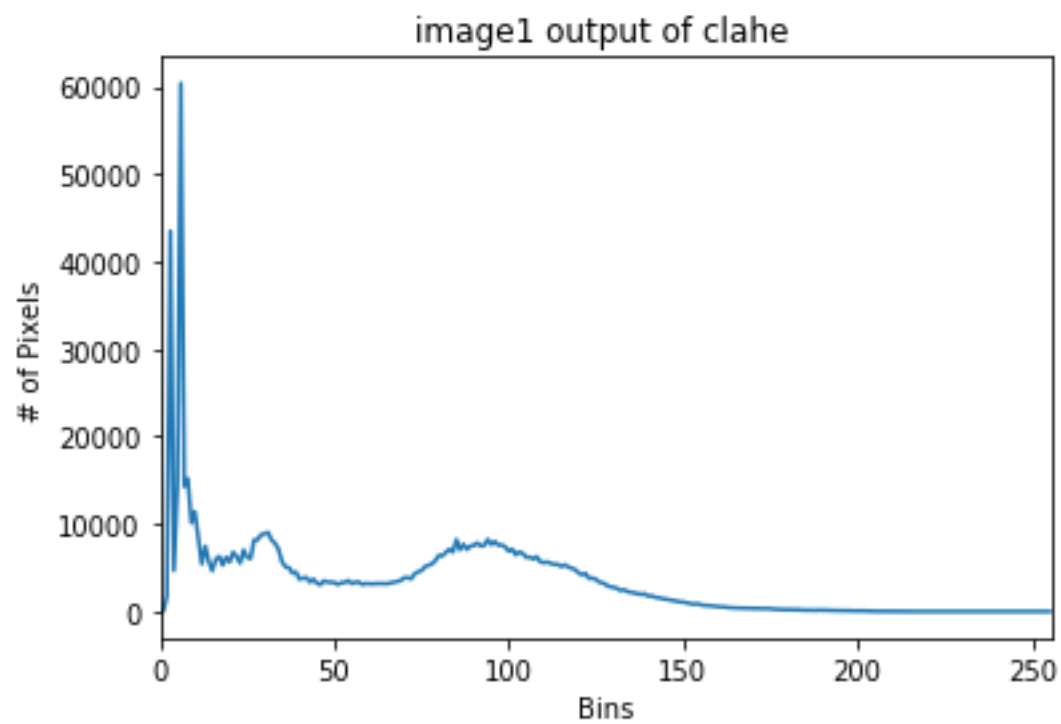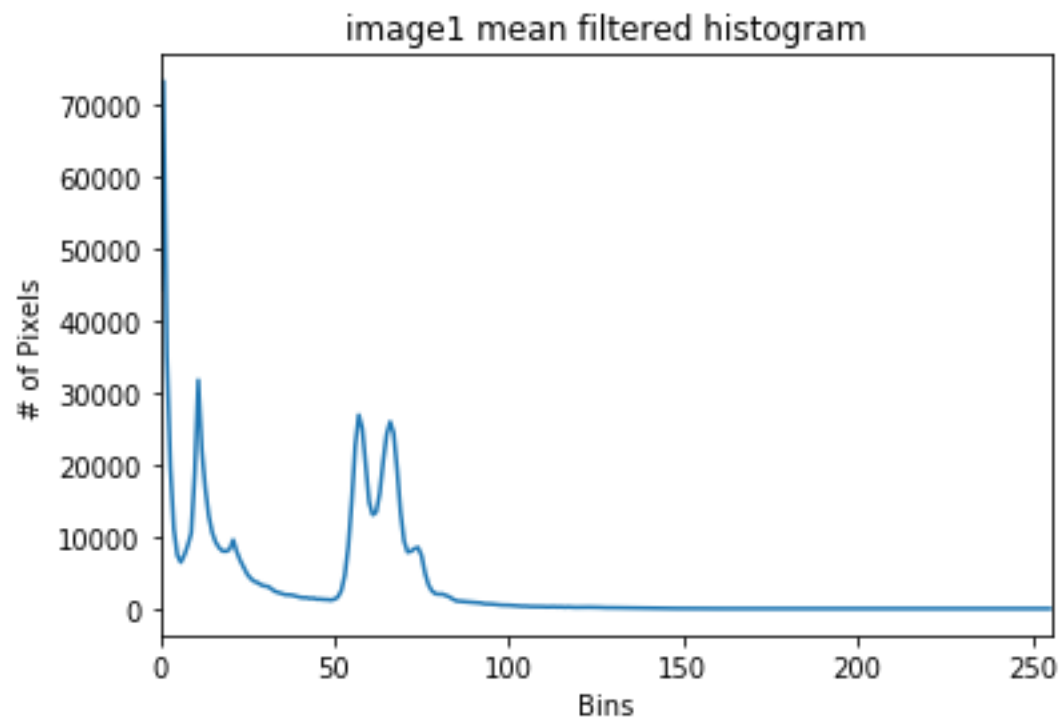Roll No: EE20S051

filtered image1

filtered image2

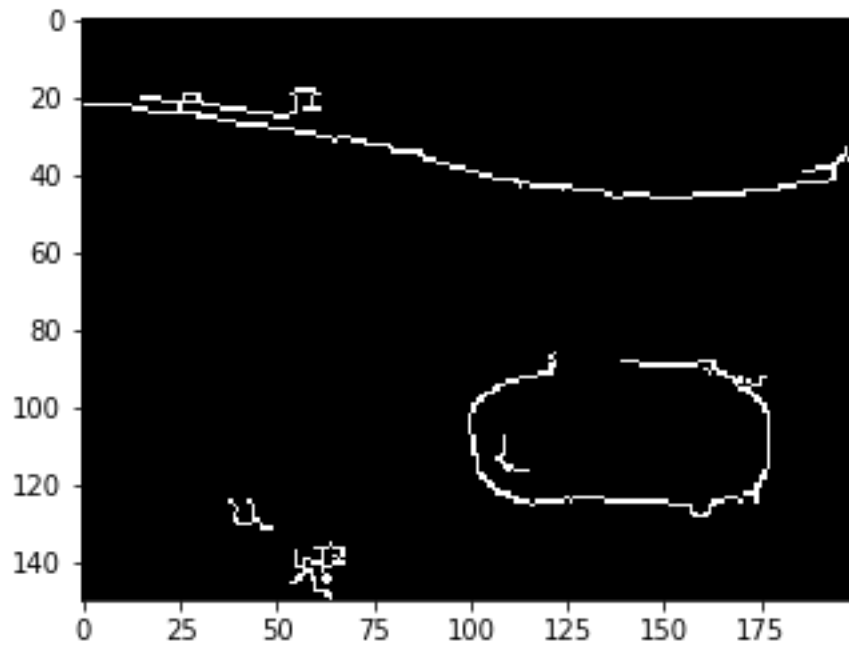Applying Clahe for histogram equalization and contrast enhancement:

filtered image1

filtered image2

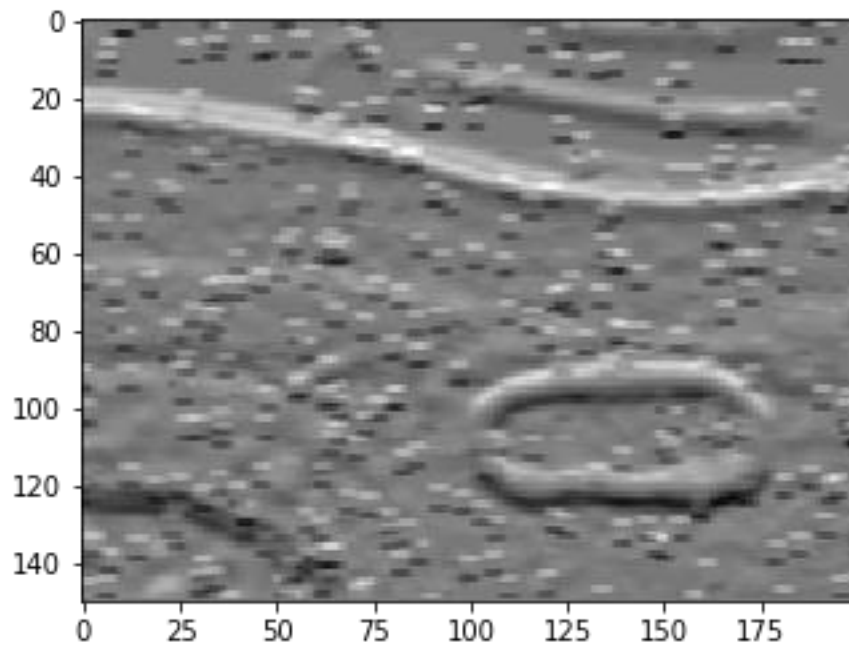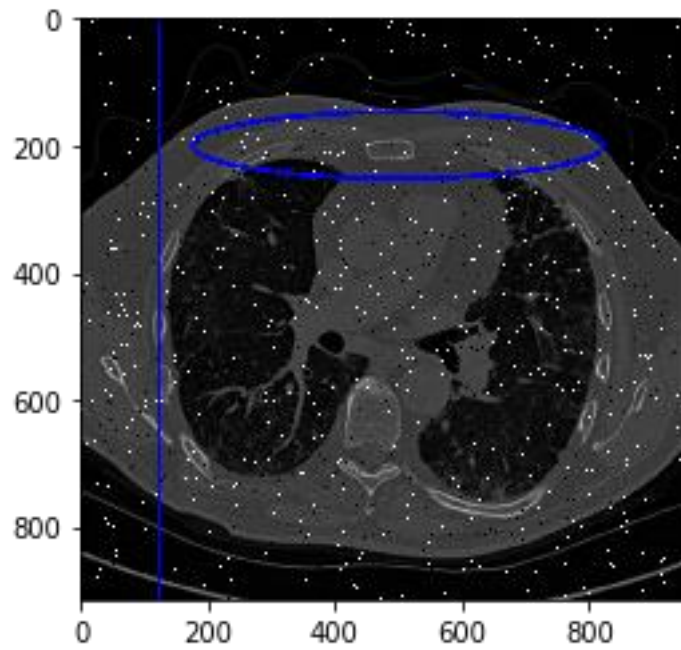## image1 mean filtered histogram

image1 output of clahe

Canny edge detector output on first image:

Sobel edge detector output on first image:

Ellipse detection using Hough transform on 1st image:

Name: Kumari Rashmi   ED6001 Assignment 2
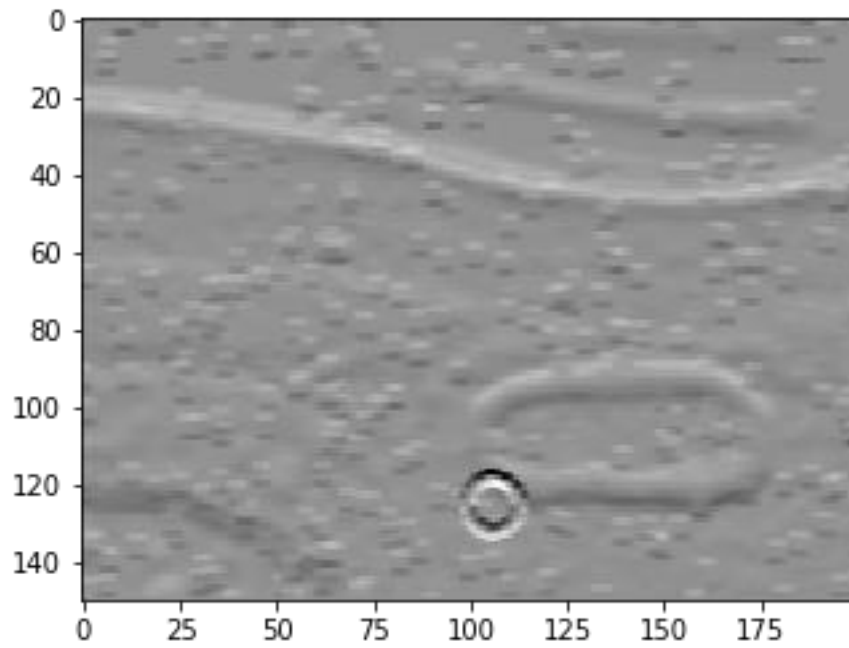Roll No: EE20S051

For Second image Output:
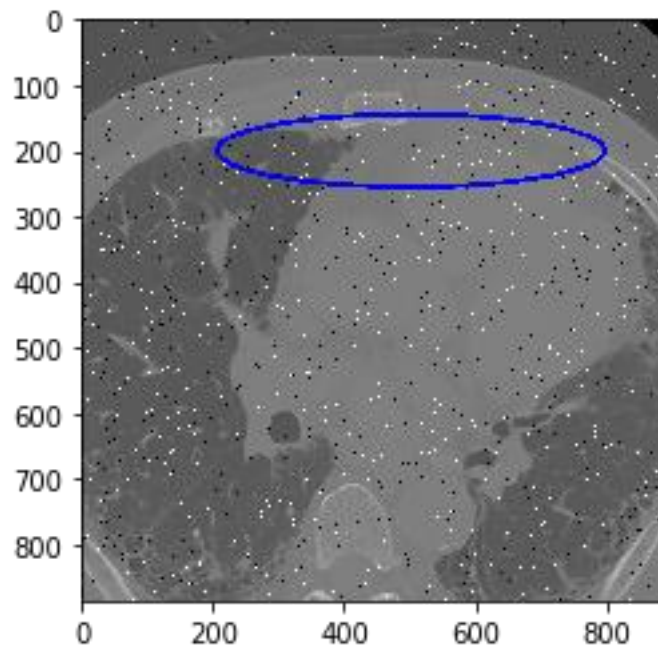
Canny Edge detector output:
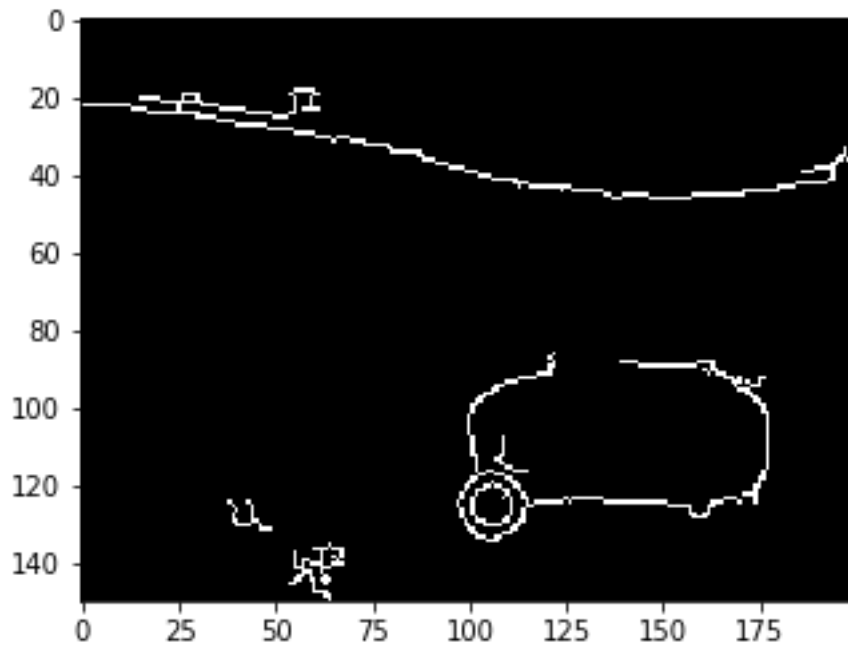
Sobel Edge Detector output:

Name: Kumari Rashmi   ED6001 Assignment 2
Roll No: EE20S051

Hough transform for ellipse detection output:

For Lamet curve still work in progress