

Note: Do NOT use inbuilt functions for equalization and averaging

1. Equalize the histogram of the image attached. The image has grey levels 0-255. Show the equalized image and original image using subplot.

Specify the histogram into the following distribution:

105	103	152	185	255
200000	50000	5124	2457	4563

Show the output as an image.

2. Consider the image given in Q.1 Perform

- a) Median filtering
- b) Average filtering

Using 3x3 windows and borders according to duplication, Display the output image.