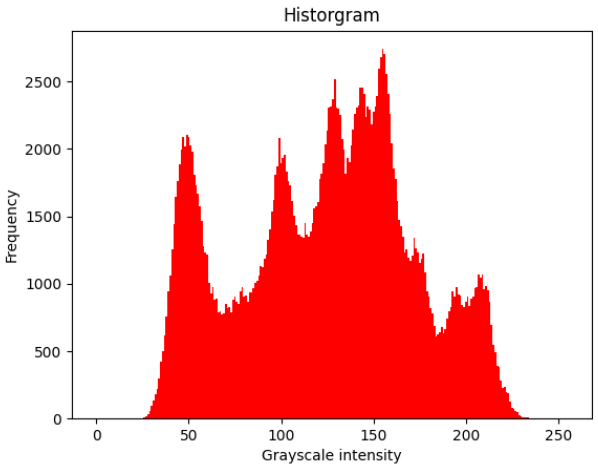
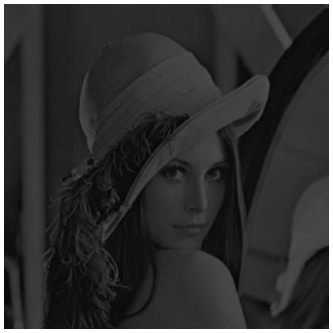
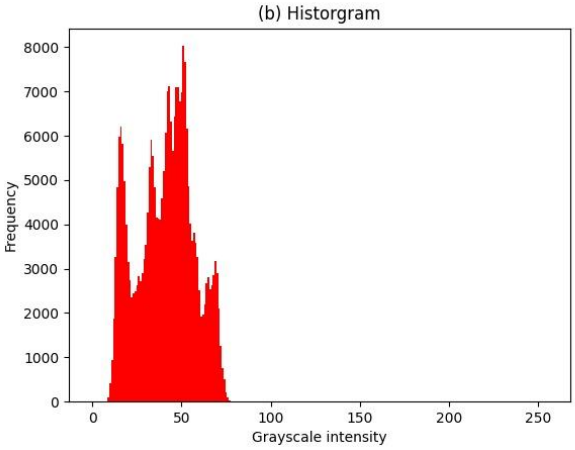
(a) original image and its histogram

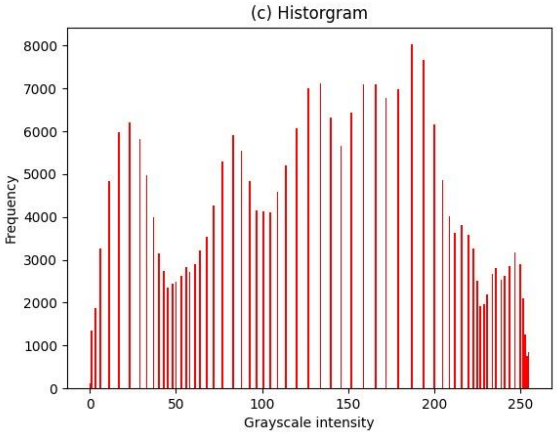


(b) image with intensity divided by 3 and its histogram





(c) image after applying histogram equalization to (b) and its histogram



“python R11922150_HW3.py” to run the program.

In this homework, just use the same method used in HW2 to build a histogram. In part(b), just divide each pixel’s intensity by 3 and round it. In part(c), just follow the slides to implement the histogram equalization algorithm.