

# Howework 3 Report

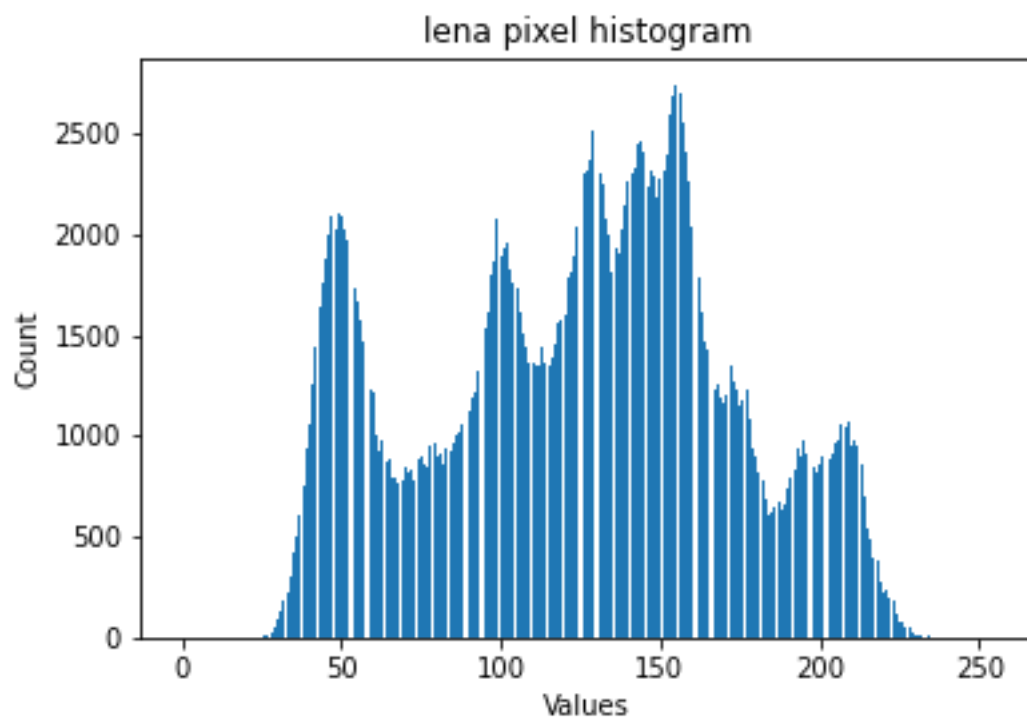
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Part(a) : original image and its histogram

Output : Image :



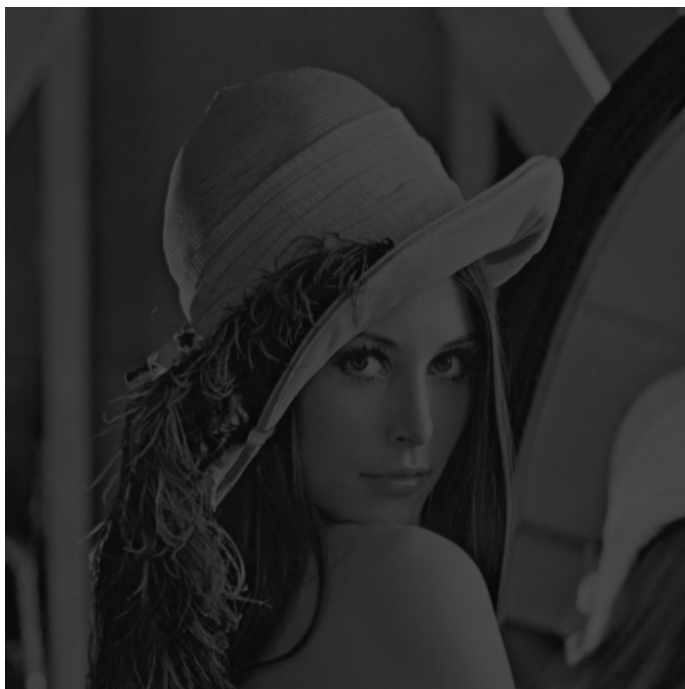
Histogram :



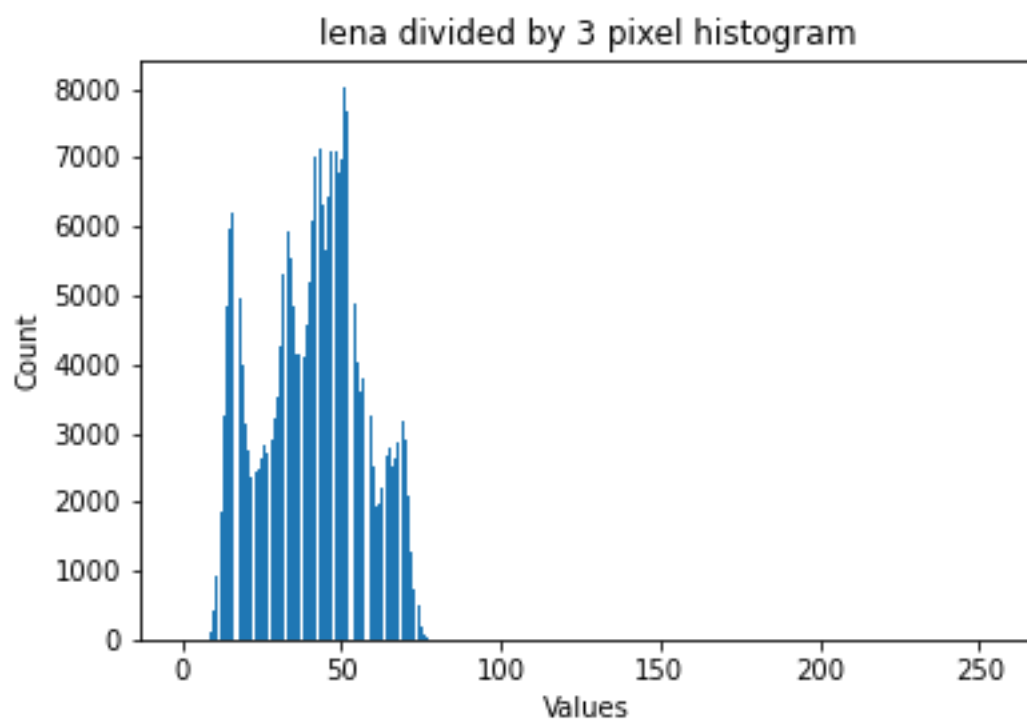
Code describe : 統計整張 lena.bmp pixel 介於 0~255 各有多少個 pixel 數量 , 並畫出其 histogram 。

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

Output : Image :



Histogram :



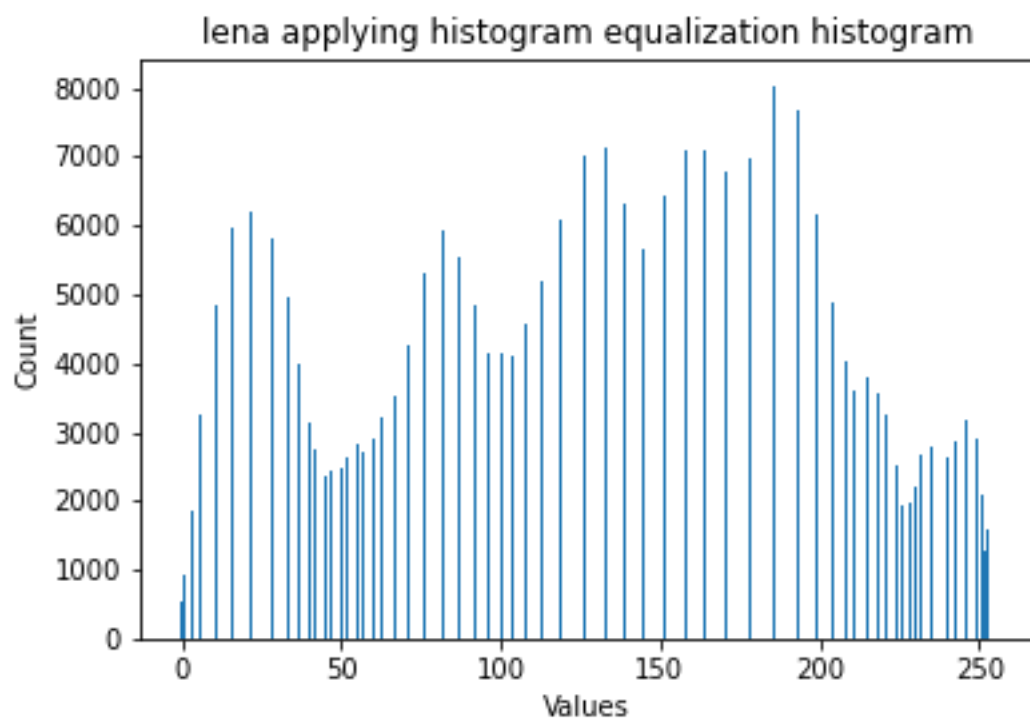
Code describe : 將每個 pixel 除以 3 , 並畫出其 histogram 。

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

Output : Image :



Histogram :



Code describe : 將 part(b)之 output 進行 histogram equalization , 並畫出其 histogram 。