M11102122 陳煜翔 影像處理 Homework 2

I package all function which I will use in the cv\_image class.

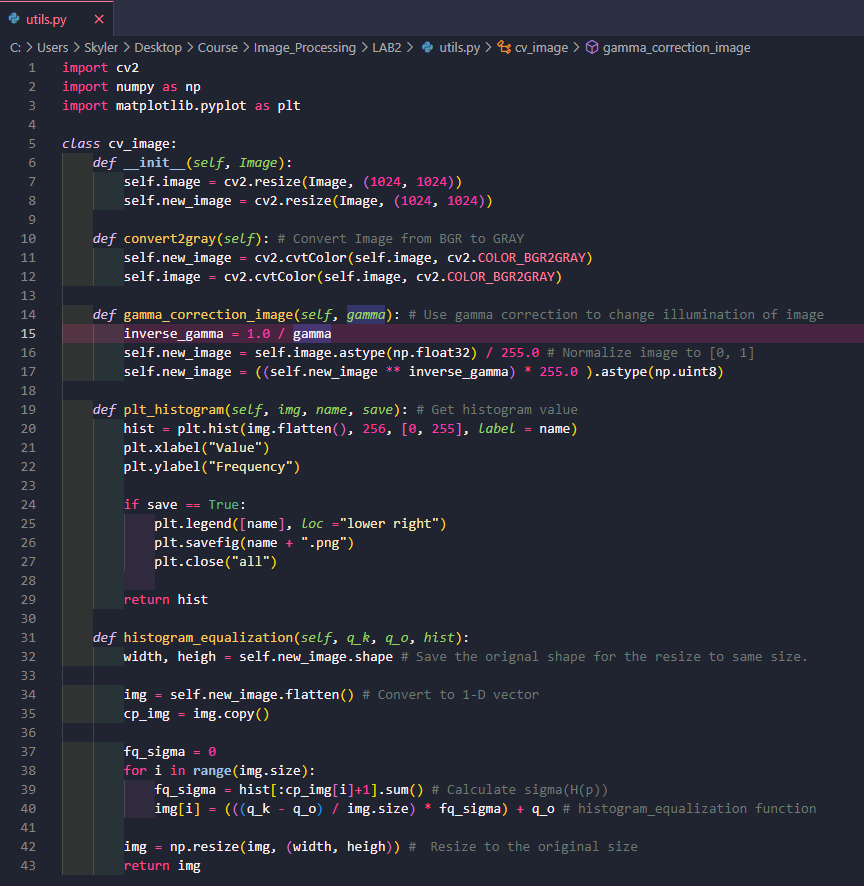
The object have image and new\_image for original image and the histogram equalization image.

Function of convert2gray is used to conver BGR image to Grayscale.

Function of gamma\_correction\_image is use gamma correction function to make image lighter of darker. In our task we use for darker.

Function of plt\_histogram is used to get the histogram information and save the figure of it.

Function of Histogram\_equalization is used to calculate the new image for algorithm.



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| Gamma Image (Dark image) | Result (Histogram Equalization) |