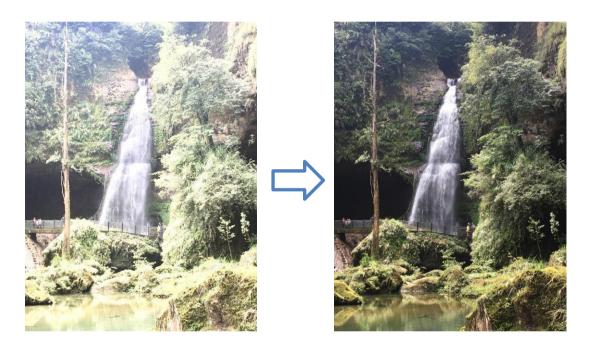Digital Image Processing (2022)

Homework 2

{Image Enhancement}

Deadline: 111.4.11

Using C++, C, Python or Matlab, enhance low-contrast, low-luminosity, noisy images. There is no limit for your design.

The performance will be evaluated by:
1. Contrast
2. Luminosity
3. Noise
4. Color

[Input]   input1.bmp   input2.bmp   input3.bmp   input4.bmp
[Output] output1.bmp output2.bmp output3.bm output4.bmp

Report: Do some discussion and explain how you do it in at most 4 pages (A4).

Homework Rules and Grading Policy

Homework will be graded by:
1. Correctness.
2. Algorithm description
3. Discussion

Upload:
 [web]   E3
 [File Name] hw2_StudentId.zip (ex. hw3_1234567.zip)

Remind:
1. Your C, C++, Python or Matlab code with comments
2. Your report in the format of .pdf
3. ReadMe.txt file which describes how to run your program
4. Deadline
   If you have a late submission by 1 to 7 days, you will only get 70% of the score. We DO NOT accept any late submission after 7 days after the deadline.