Digital Image Processing 2015

HW-2：Image Enhancement

Deadlines: **2015.10.21**-23:59:59

(1) Image Enhancement (100%)

Given a few **low-contrast, partially-low-luminosity, noisy** bmp images, you are asked to write a program for **enhancement** and save your outcomes as **bmp** images. There is no limit for your image processing design. The performance will be evaluate by:

- ■ **Contrast**
- ■ **Luminosity**
- ■ **Noise**
- ■ **Color**

Please do your best to handout a better-looking outcome. The number of **models** shouldn't be more than 5.

The input files are:
- ● **Input_ image_1.bmp**
- ● **Input_ image_2.bmp**
- ● **Input_ image_3.bmp**
- ● **Input_ image_4.bmp**
- ● **Input_ image_5.bmp**   **(This one will be given at demonstration)**

(2) Bonus

Find one of your own "terrible" images and restore it!

Reminders:

☐ Please make sure your source code can be compiled by **Microsoft Visual Studio** / **DevC++ / Matlab**.

Hints:

☐ For contrast and noise restoration, try to implement your task in **spatial** / **frequency** domain.