

## **Digital Image Processing Laboratory. : ( for year 2560 )**

Computer Science department  
Faculty of Science  
KhonKaen University .

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### **Lab#5 : Image Enhancement in Spatial Domain#3**

**Date** 19 Feb 2018 : Submit report on date 26 Feb 2018

1. Write program (M-files) for process as following
  - 1.1 Write function program ( not use MATLAB function )  
for process and display log transformation of “img5\_a .bmp” .
2. Write program (M-files) for process as following
  - 2.1 Use non-linear adjustment MATLAB function  
( gamma correction factor) for process image “img5\_a .bmp”  
and display output image.

Remark : 1. Filename format : LAB5\_XXXXXXXXX\_x .zip  
(xxxxx...\_x is your ID )  
2. write ID, Name in your header files .  
3. write commend in your source code ( program m file).  
4. write flow chart of your program.  
5. explain output from your program.  
6. your file must save in form “ MS word2007  
(.docx)” and “Acrobat file (.pdf) ”.  
7. Zip file is compound of m file, docx file, pdf file and  
all output files.

**%%%%%%%% Good Luck %%%%%%%%%**