

# Homework 1

## Content:

1. Exchange Position
2. Gray Scale
3. Intensity Resolution  
Gray scale with 4 intensity levels
4. Color Filter – Red
5. Color Filter – Yellow
6. Channel Operation  
Double the value of green channel
7. Bilinear Interpolation – 2x
8. Bicubic Interpolation – 2x



## Grading Policy

- Each grid - 10pts  
    Call function: 6pts  
    Implement by yourself: 10pts
- Report - 10pts

## Submission

- Report in 3 pages. (STUDENT\_ID.pdf)
  1. Method
  2. Result
  3. Feedback
- Code (STUDENT\_ID.zip)
- Deadline: 3/17 Fri. 10:10 a.m.