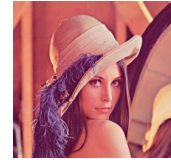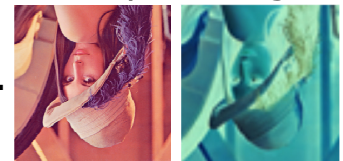# HW1

- [ ] Due on 10/5, pm 11:59

- [ ] Image Read/Write
  - Write a C or C++ program to implement "bmp" format image reading and writing.

- [ ] Image Rotation
  - Do a 180-degree clockwise rotation over the input image to generate the output image.
  - Also, generate the color negative image.

- [ ] Bonus
  - Read and rotate the image with different size.
    - [ ] Hint: decode the width/height from the header.

HW1

- [ ] Hint
  - You can resize the image to debug your program.
  - R/W of non-squared image must adjust the header.

- [ ] Requirements
  - Program: C or C++ source code with .exe file
  - Report
    - [ ] Describe the employed source code editor and how to execute your program (input/interface/output)
    - [ ] Introduce your work, method, and discussions
    - [ ] With all of the images or results
  - Upload to NTUT Elearning
  - You are NOT allowed to use any library, such as OpenCV