

# Computer Vision 2017 Fall Homework #6

## Report R05944041 網媒所碩二 戴長昕

### Part 1.

Language :

- Python 3.5.2

External Libraries :

- Numpy v1.13 : Arrays
- Matplotlib 2.0.2 : Draw Image/Histogram
- Pillow 4.2.1 : Image I/O

Benchmark :

- Original Image : Lena.bmp
- Original Size : 512x512



## Part 2.

**Downsample to 64 x 64:**



**Binarize and Downsample to 64 x 64:**



# Find Yokoi Connectivity Number:

