# Computer Vision HW7 Report

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## Execution

> Using python 3.7

```
$ python hw7.py
```

## Result



## Code Explanation

1. Thresholding and Downsampling the original image.

2. Compute Yokoi-Connectivity.

3. Determine pair-relation

4. Determine whether the pixel will "gone" (change from white to black) or not by the result of 2. & 3.

5. Repeat step 2. ~ 4. until no pixel is gone.