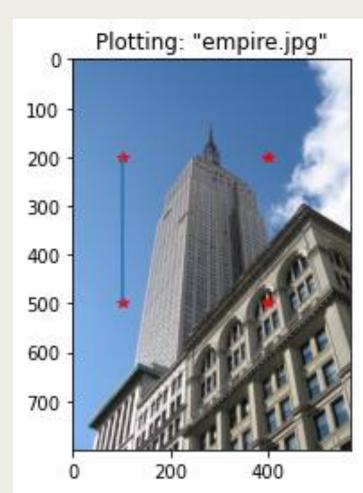


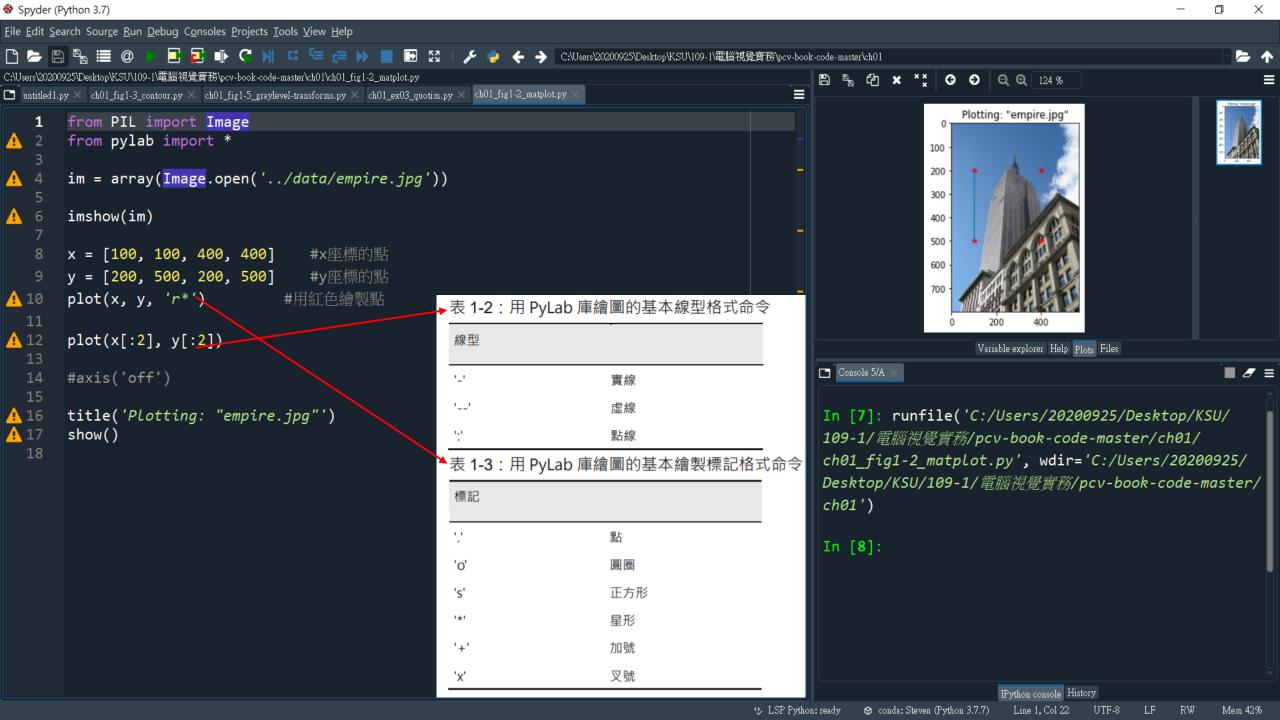
考試例題

- 1. ch01_fig1-2_matplot.py
- 2. ch01_fig1-3_contour.py
- 3. ch01_fig1-5_graylevel-transforms.py
- 4. ch01_fig1-6(7)_histeq.py
- 5. ch01_fig1-8_pca_graylevel.py
- 6. ch01_fig1-12_morphology.py
- 7. ch02_sift.py
- 8. ch02_sift_match.py
- 9. ch2_harris_corners.py
- 10.ch2_harris_matching.py

1.ch01_fig1-2_matplot.py

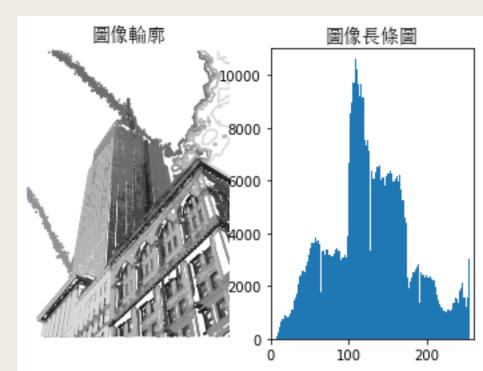
- Matplotlib應用
- 繪製圖像、點和線

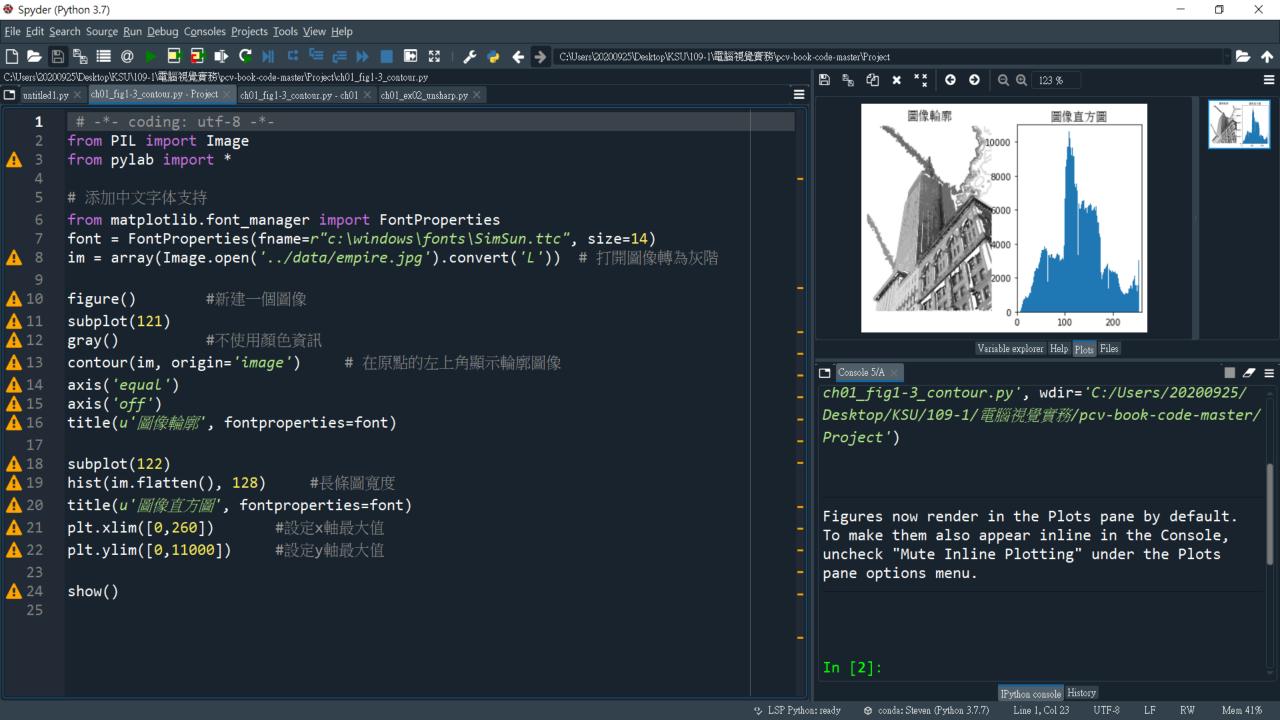




2.ch01_fig1-3_contour.py

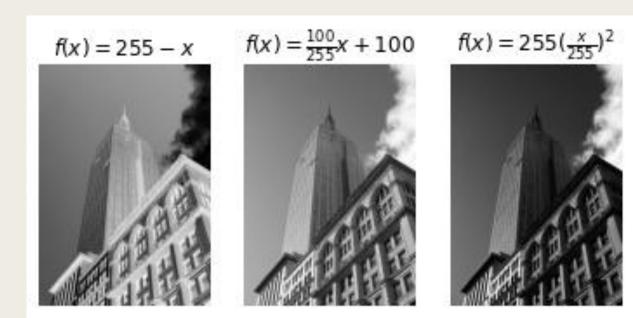
- 圖像輪廓和長條圖
- 先將圖片轉為灰階圖,再繪製長條圖

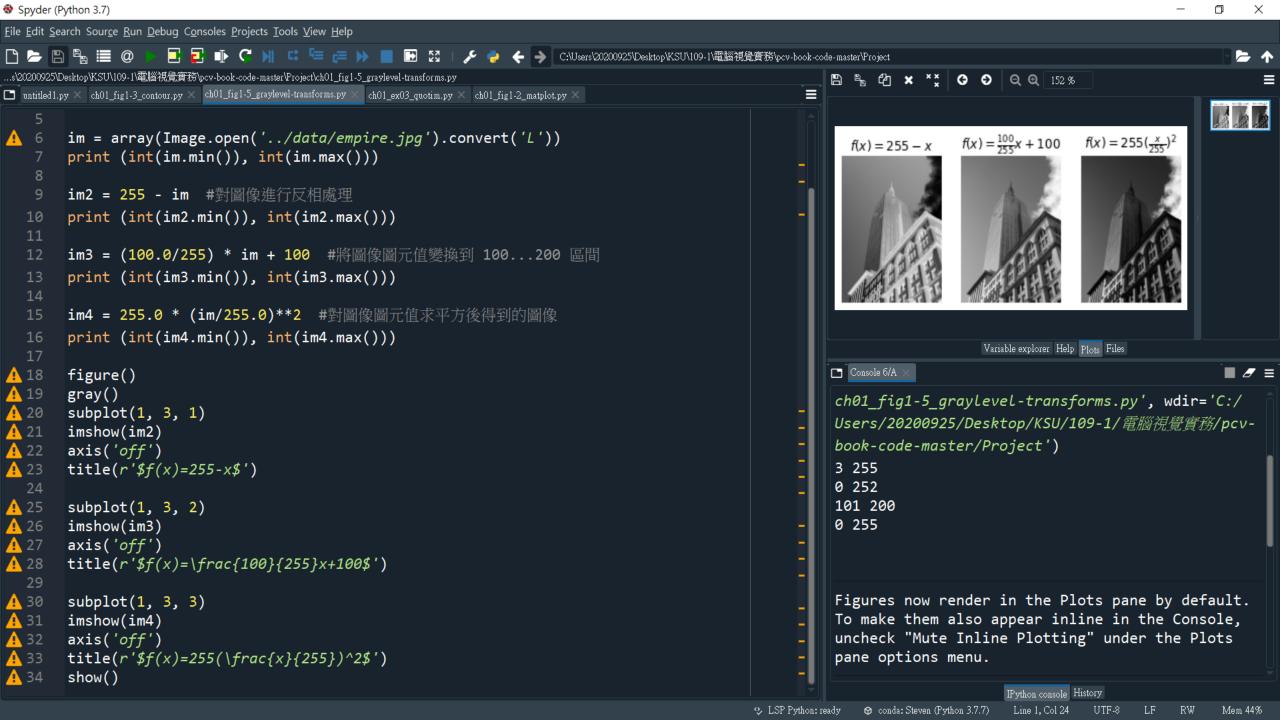




3.ch01_fig1-5_graylevel-transforms.py

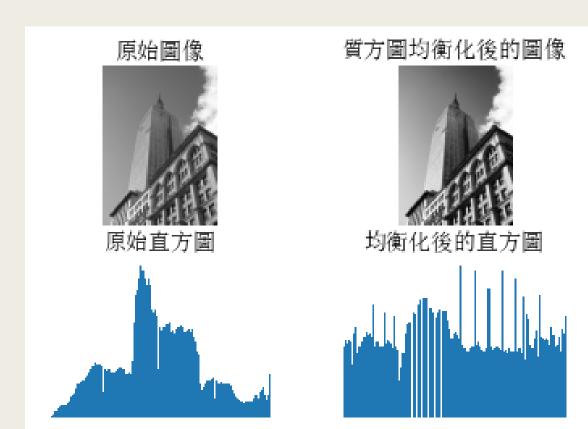
- 圖像陣列表示
- 灰度變換

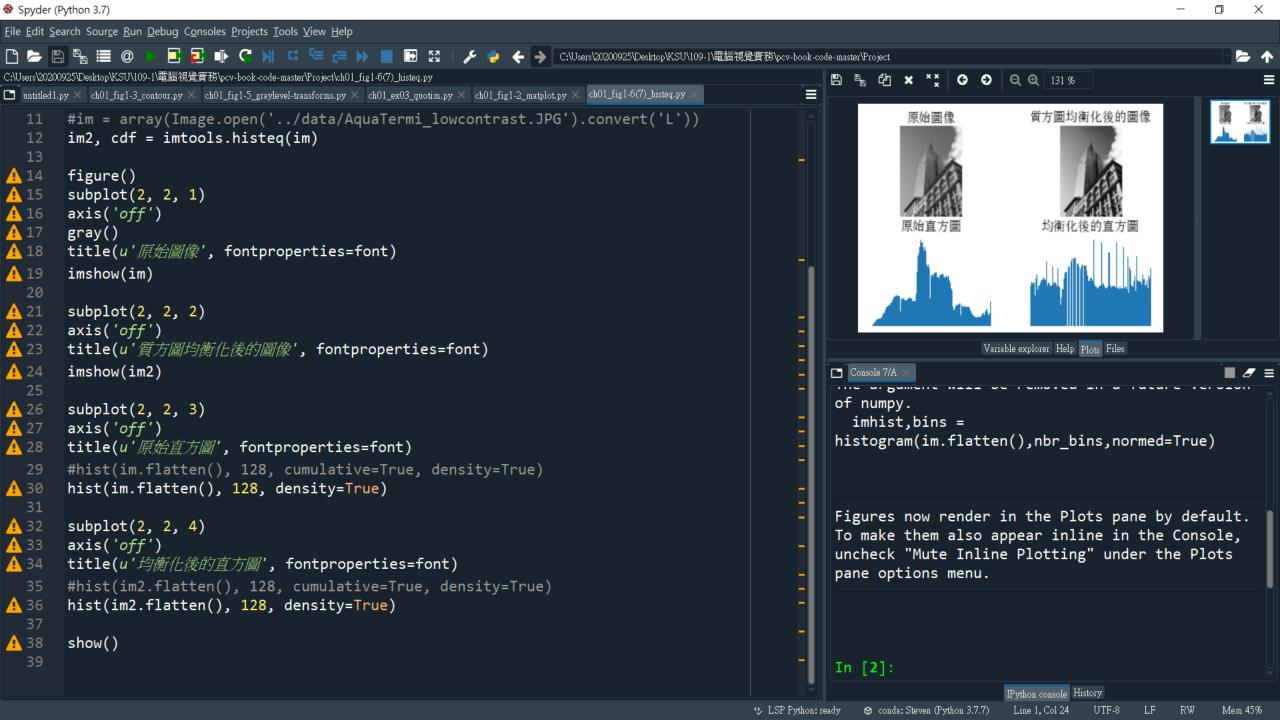




4.ch01_fig1-6(7)_histeq.py

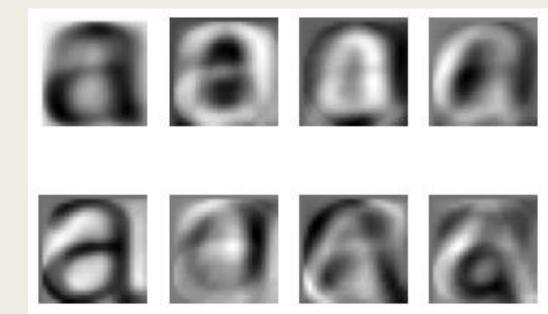
■ 長條圖均衡化

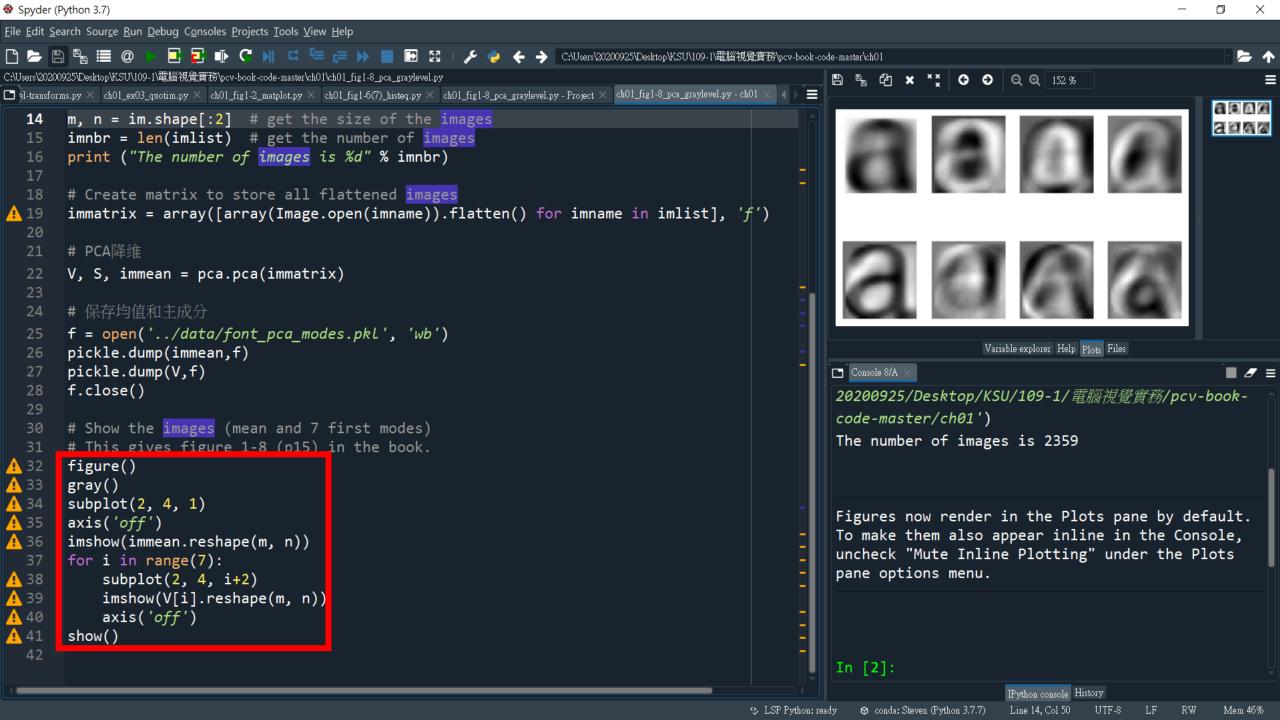




5.ch01_fig1-8_pca_graylevel.py

■ 圖像的主成分分析 (PCA)

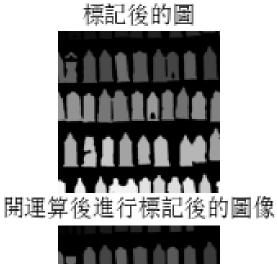


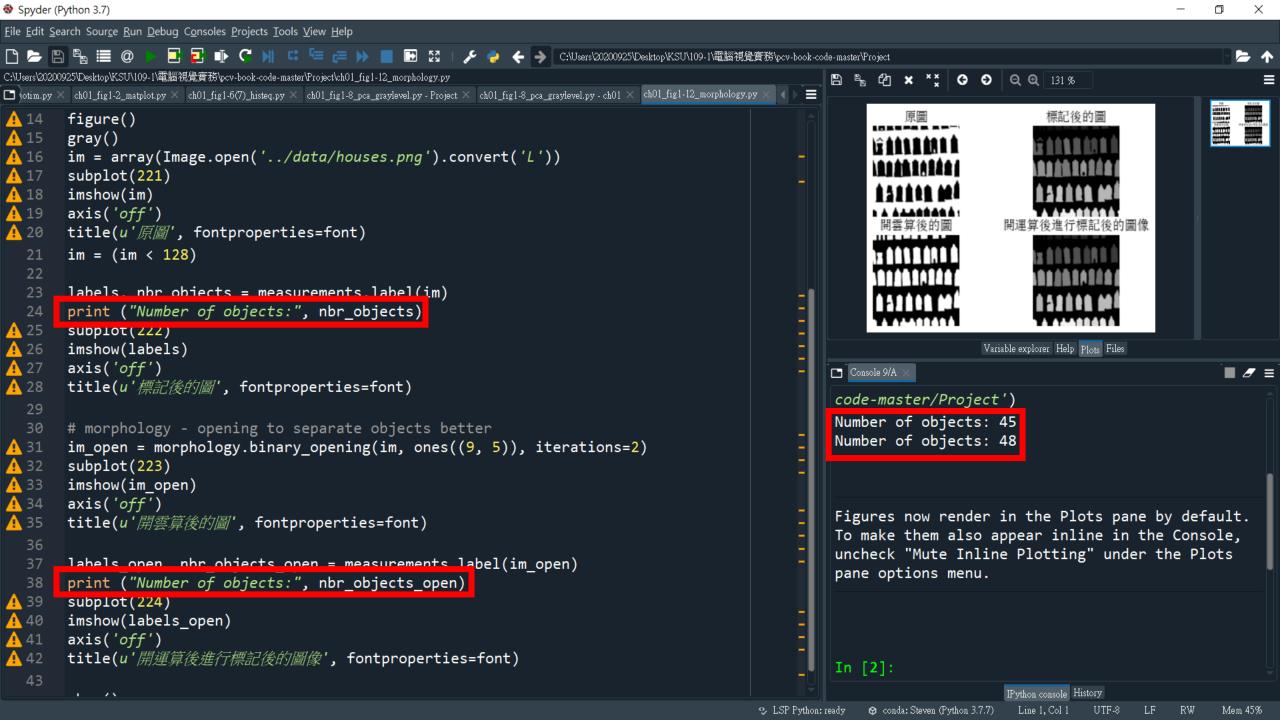


6.ch01_fig1-12_morphology.py

■ 形態學:物件計數



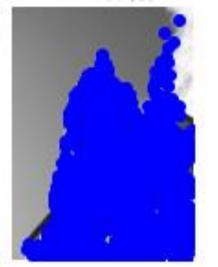


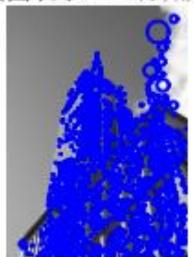


7.ch02_sift.py

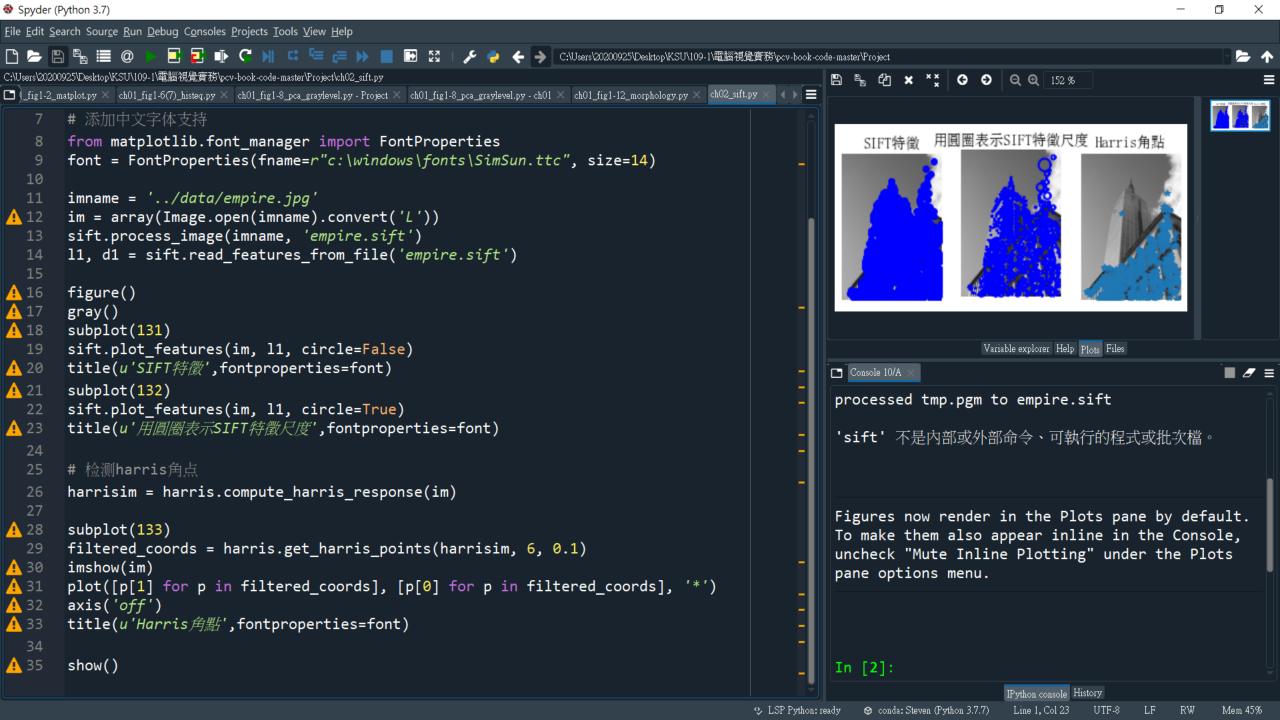
■ SIFT特徵尺度

SIFT特徵 用圓圈表示SIFT特徵尺度 Harris角點









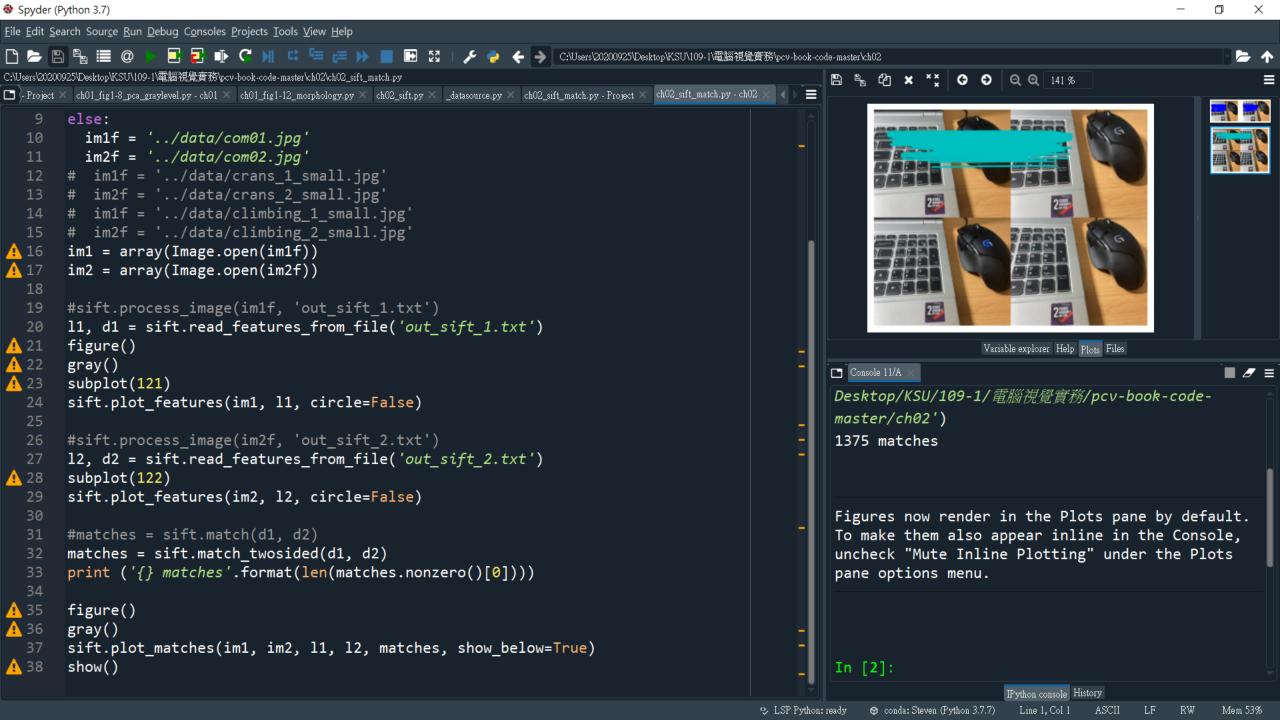
8.ch02_sift_match.py(HW3)

■ 在相似圖像間尋找對應點









9.ch2_harris_corners.py

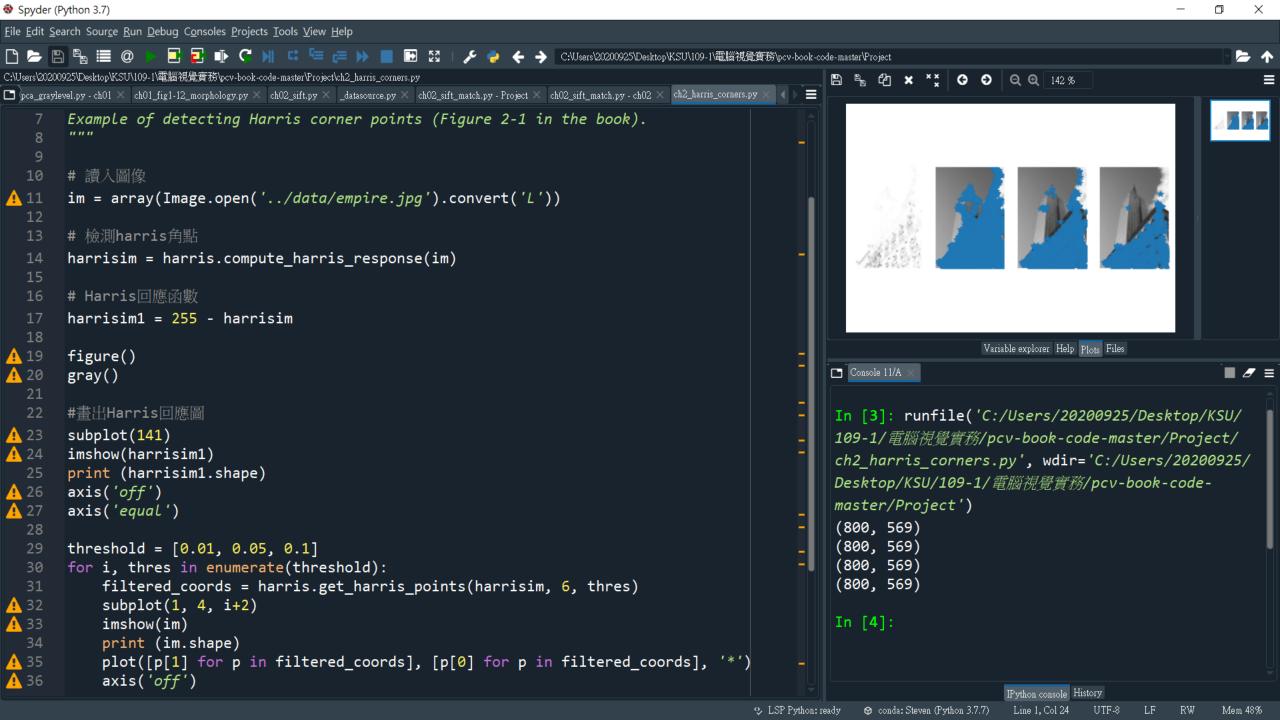
■ Harris角點檢測器





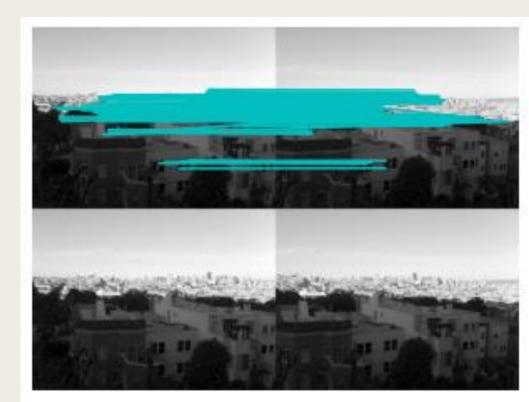


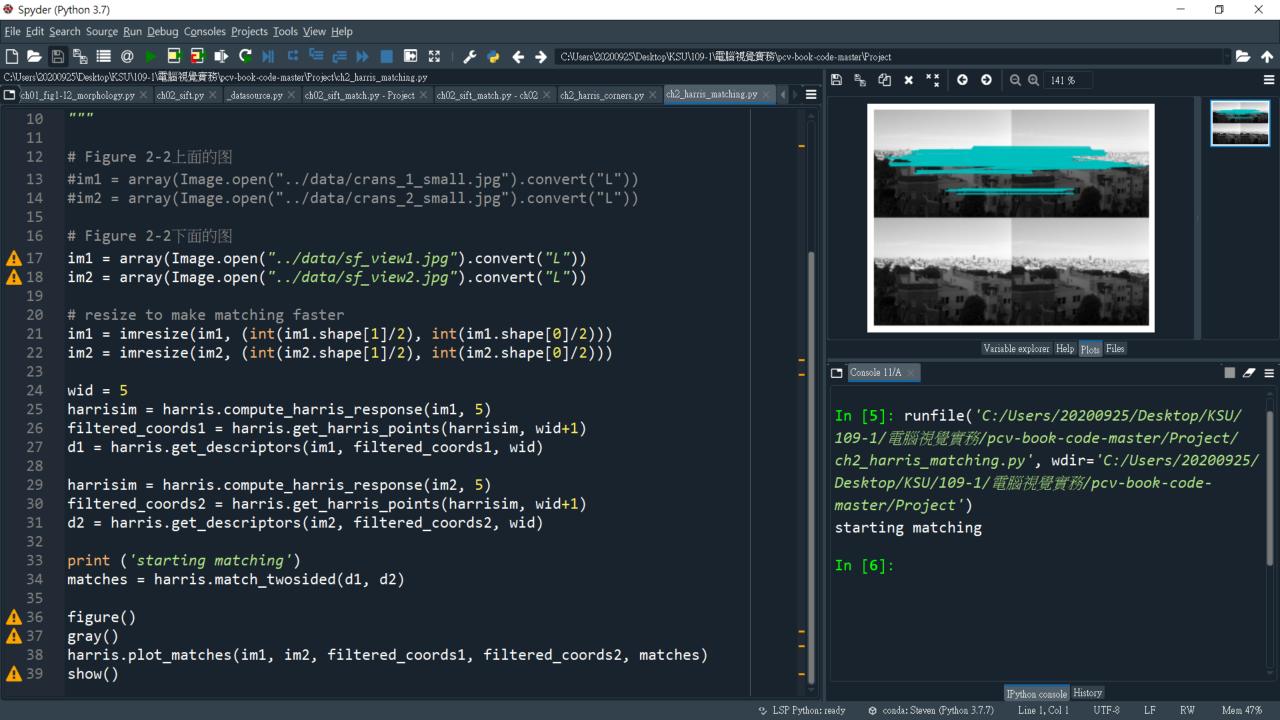




10.ch2_harris_matching.py

■ Harris角點檢測器





作業練習

1. ch01_P002-003_PIL.py

