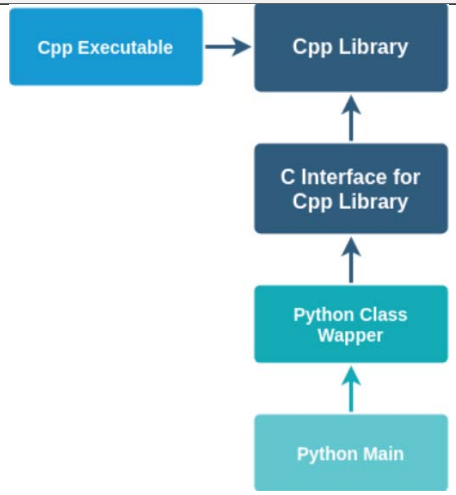
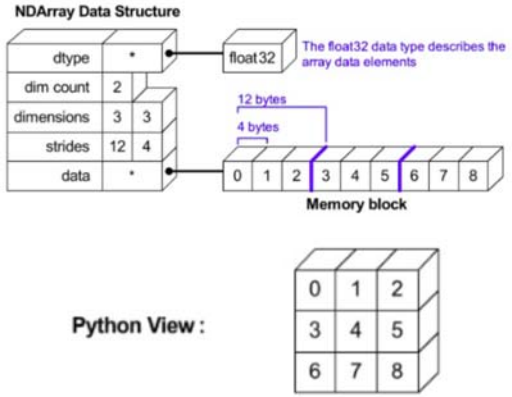
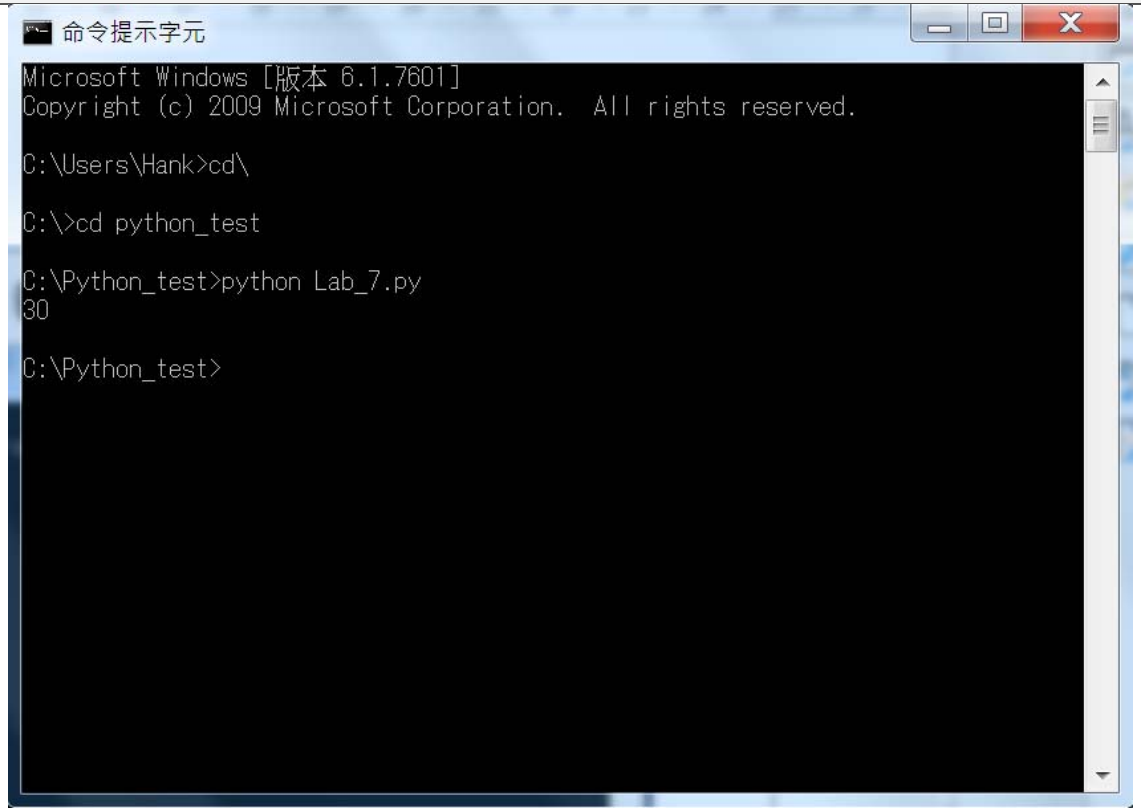
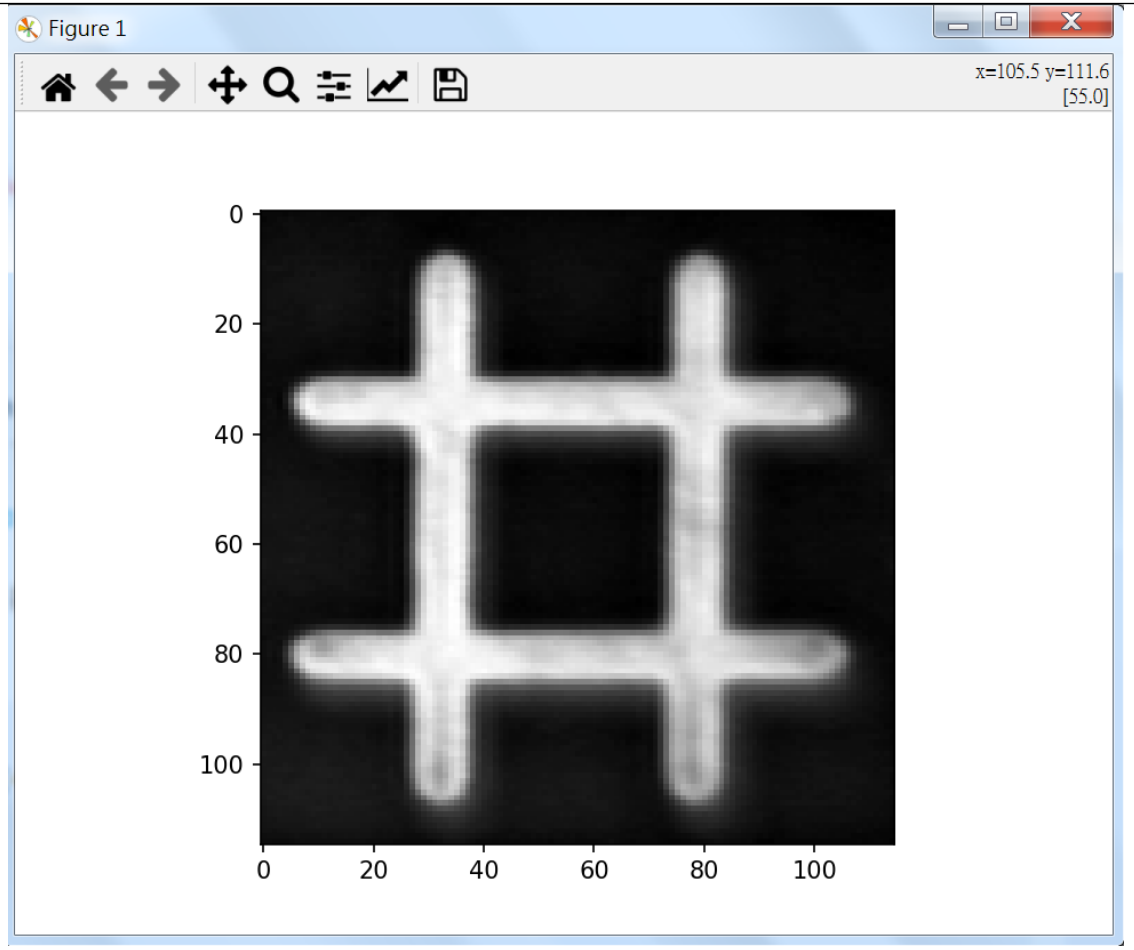
Lab 7 Using C++ In Python &
Lab 8 Using C++ In Python for NImage

練習目的	提供的程式碼	需要的開發環境/安裝套件	執行指令與重點說明
Using C++ In Python	**VS2017/VS2022:** MyDLL.h, MyDLL.cpp, Unmanaged_Calculator.h, Unmanaged_Calculator.cpp **Python:** Lab_7.py		**python Lab_7.py** ✓ 確認讀取 MyDLL.dll 的路徑 ✓ 透過 ctypes 把 c-style function [Flat C] 包裝成 python 的 class ✓ Reference: https://blog.simonxander.tw/2020/03/python-cpp-library-class.html
Using C++ In Python for NImage	**VS2017/VS2022:** NImage.h, NImage.cpp, NImageDLL.h, NImageDLL.cpp	**pip install matplotlib** 安裝繪圖套件	**python Lab_8.py** ✓ NImageDLL.dll 較原先多了 GetSize 及 MemCopy 的函式

	Python: Lab_8.py, NImage.py	在北科電腦教室進行安裝，需使用以下指令： **pip install --trusted-host pypi.org --trusted-host files.pythonhosted.org matplotlib**  	✓ 確認在 NImage.py 中讀取 NImageDLL.dll 的路徑是否正確 ✓ NImage.py 的包裝方式 ✓ NDArray 的資料結構 ✓ python string 轉 char* ✓ ndarray.reshape() ✓ Reference: ✓ https://wizardforcel.gitbooks.io/hyry-studio-scipy/content/21.html ✓ https://www.cnblogs.com/shine-lee/p/12293097.html

練習目的	執行結果
Using C++ In Python	

Using C++ In Python for NImage