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	Cpp Executable Cpp Library C Interface for Cpp Library Python Class Wapper Python Main	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,	pip install matplotlib 安裝繪圖套件	python Lab_8.py	
	NImageDLL.h, NImageDLL.cpp		✓ NImageDLL.dll 較原先多了 GetSize 及 MemCopy 的函 式	

Python:	在北科電腦教室進行安裝,需使用以	✓	確認在 NImage.py 中讀取
Lab_8.py,	下指令:		NImageDLL.dll 的路徑是否
NImage.py			正確
	pip installtrusted-host pypi.org	✓	NImage.py 的包裝方式
	trusted-host files.pythonhosted.org	✓	NDArray 的資料結構
	matplotlib	✓	python string 轉 char*
		✓	ndarray.reshape()
	NDArray Data Structure The float32 data type describes the	✓	Reference:
	dtype • float 32 Ine sout 32 data type describes the array data elements	✓	https://
	dimensions 3 3 1 12 bytes 4 bytes		wizardforcel.gitbooks.io/
	strides 12 4		hyry-studio-scipy/content/
Memory block		<u>21.html</u>	
		✓	https://www.cnblogs.com/
	Python View: 0 1 2 3 4 5		shine-lee/p/12293097.html
	6 7 8		



