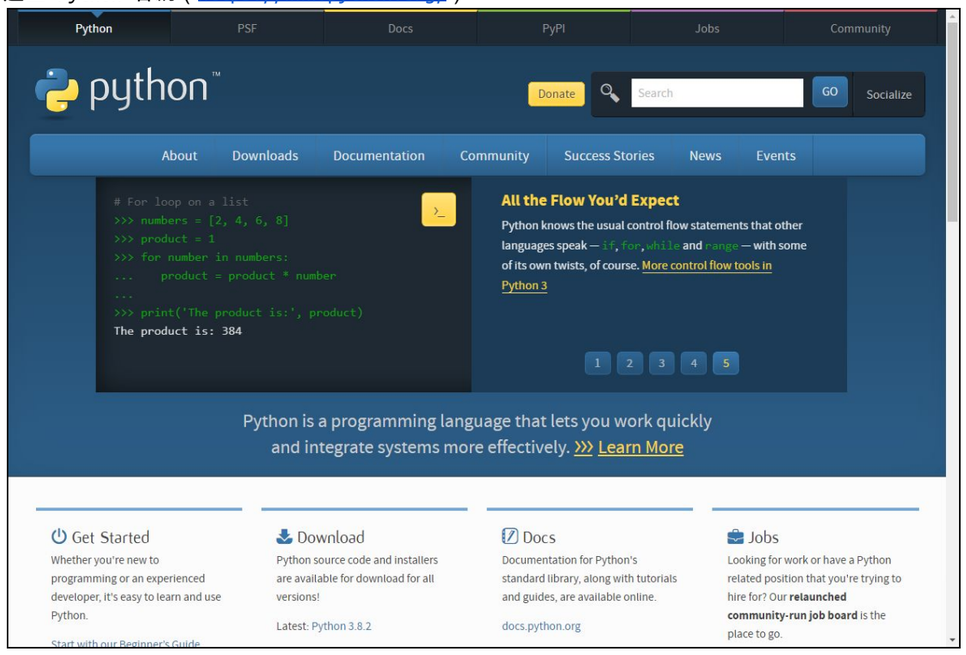
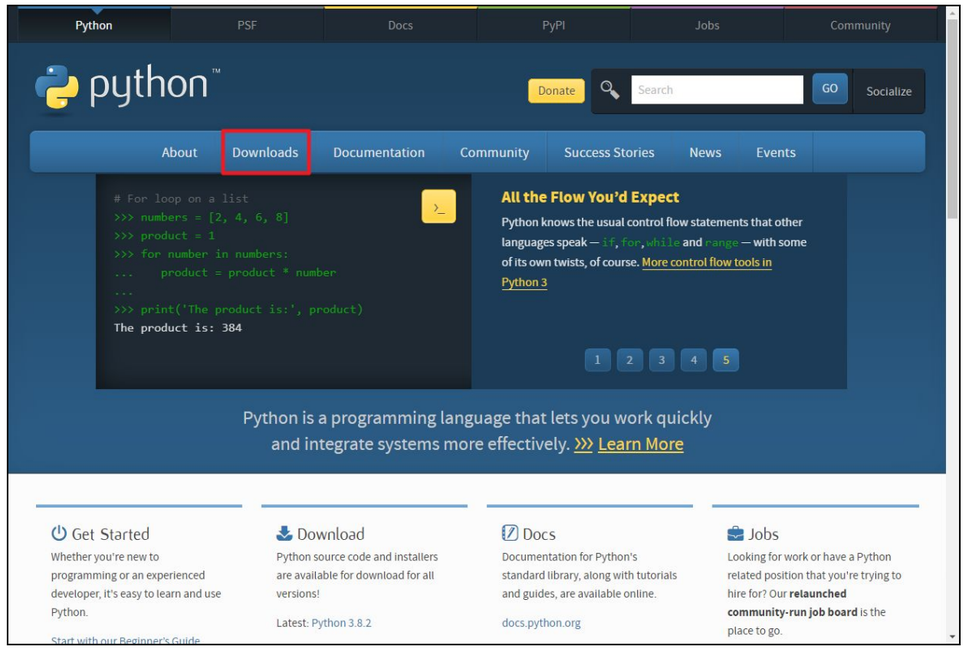
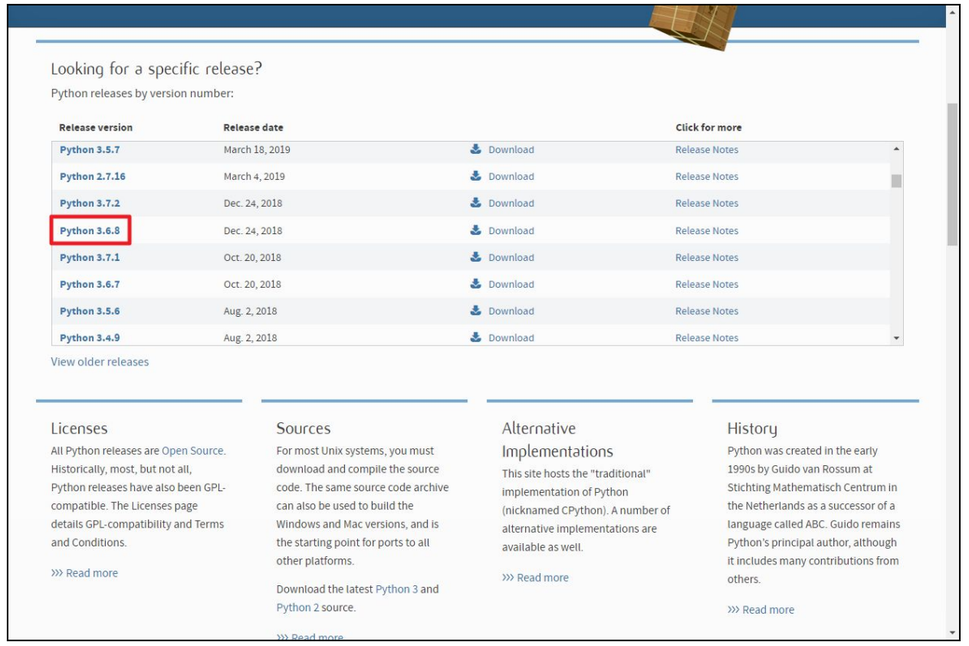
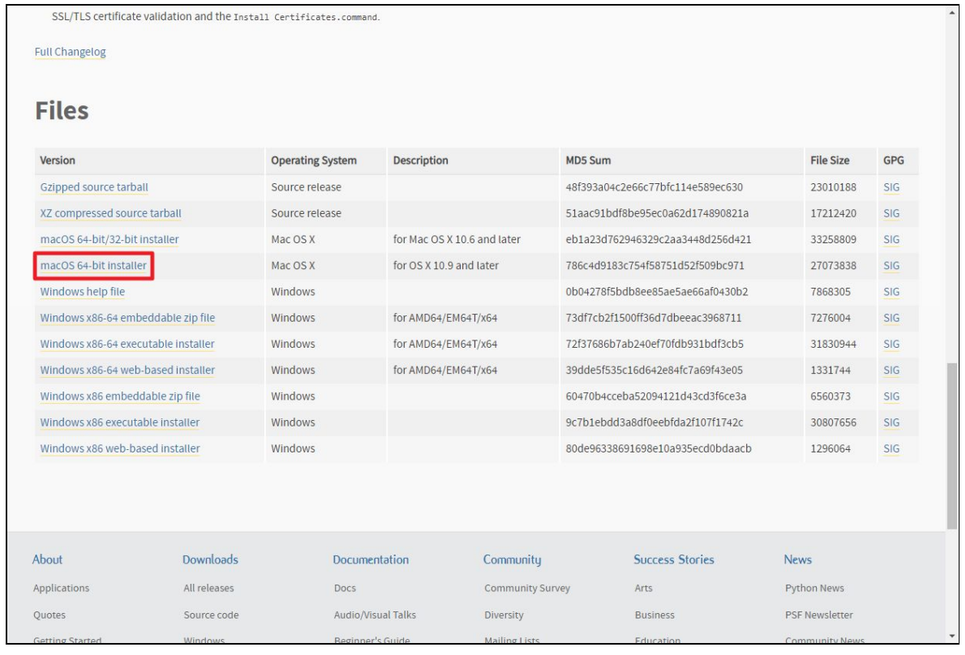
課前安裝手冊

		Mac OS X	Windows
1	**安裝終端機**	1. 連上 iTerm2 官網 (https://www.iterm2.com/) 2. 點擊 Download 下載 iTerm2-3_3_9.zip 3. 解壓縮 iTerm2-3_3_9.zip，將解壓縮出來的 iTerm2 應用程式放到 Application 目錄內	1. 連上 Hyper 官網 (https://hyper.is/) 2. 點擊 Download 進入下載頁面 3. 點擊 Windows (.exe) 3.0.2 下載 hyper-Setup-3.0.2.exe 4. 執行 hyper-Setup-3.0.2.exe 進行安裝
2	**安裝 Python 3.6.8**	因為 Python 3.6 開始才提供一種很有效率的格式化字串輸出功能 (f-string) 1. 連上 Python 官網 (https://www.python.org/)  2. 點擊 Downloads 進入下載頁面 	

3. 進入下載頁面後，往下拉到 Looking for a specific release? 表格，並找到 Release version 欄為 Python 3.6.8 的連結，點擊連結進入版本頁面

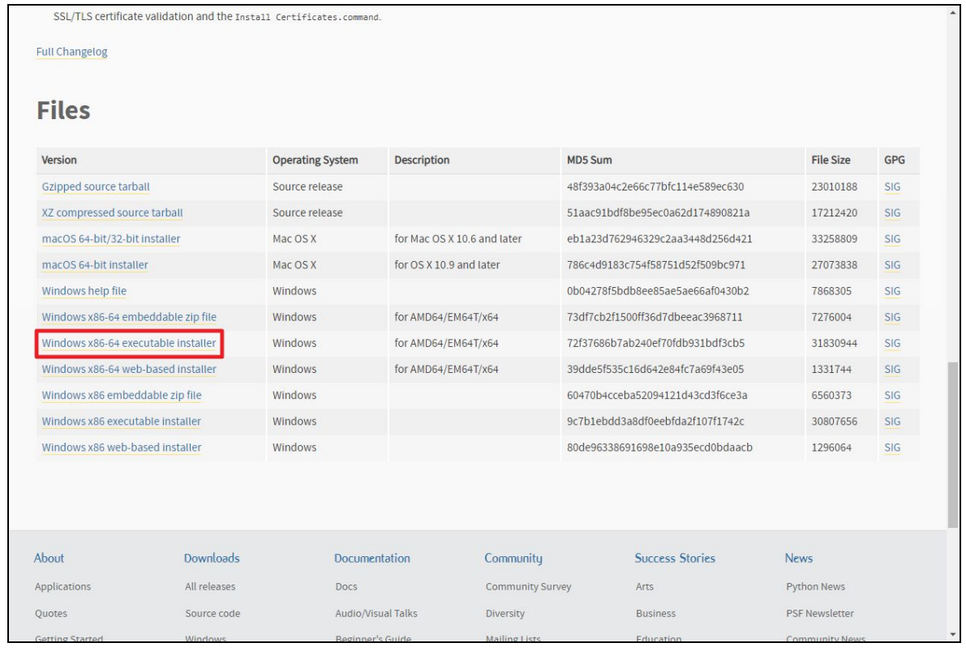


4. 進入版本頁面後，往下拉到 File 表格，並找到 Version 欄為 macOS 64-bit installer 的連結

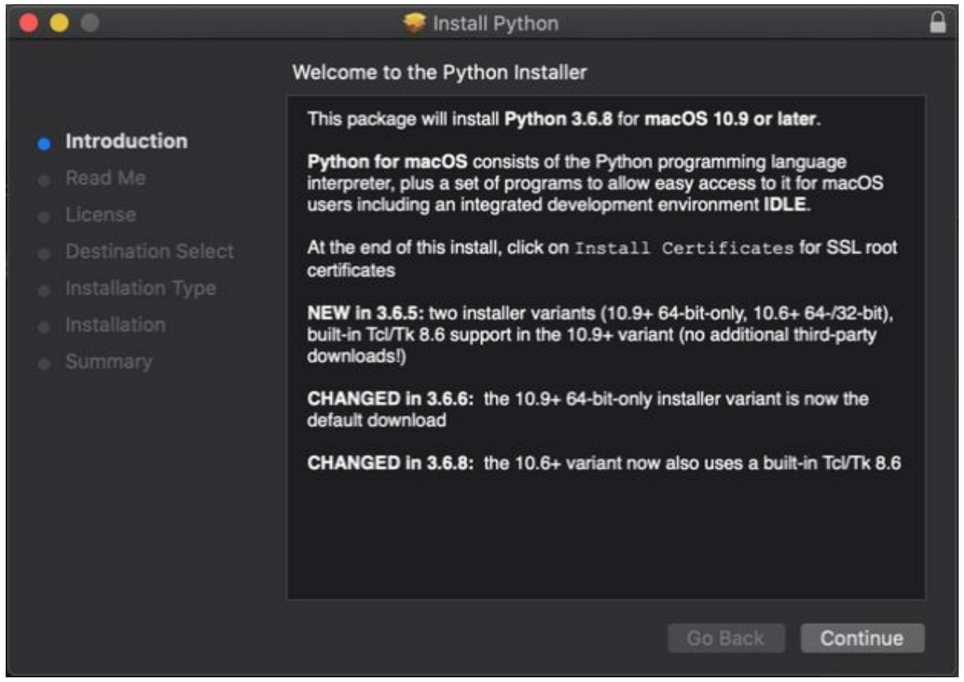


5. 點擊連結下載 python-3.6.8-macosx10.9.pkg
6. 執行安裝檔
7. 點擊 Continue

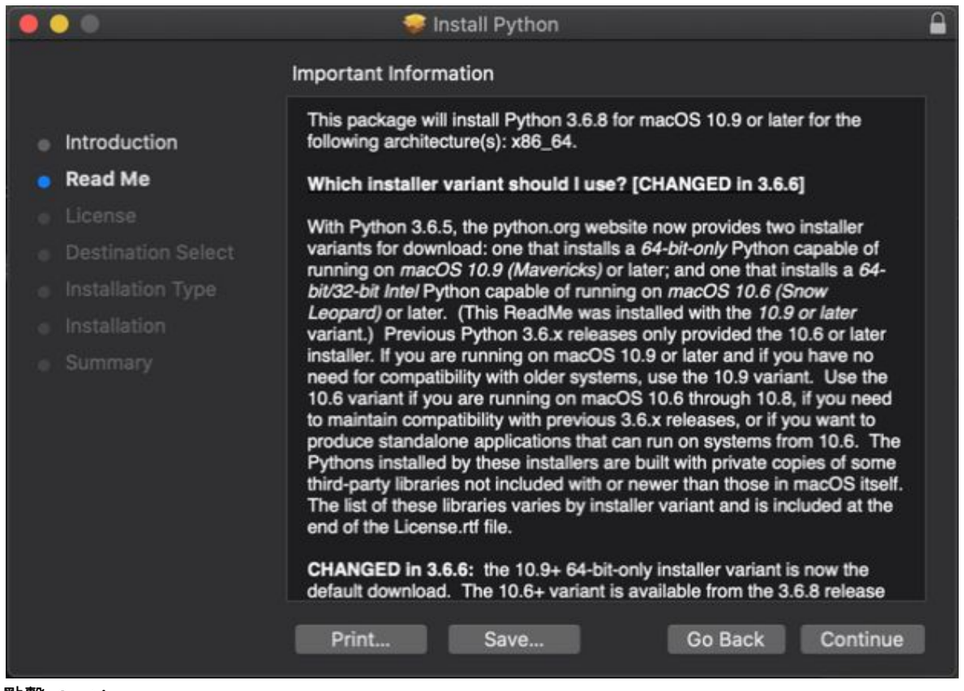
4. 進入版本頁面後，往下拉到 File 表格，並找到 Version 欄為 Windows x86-64 executable installer 的連結



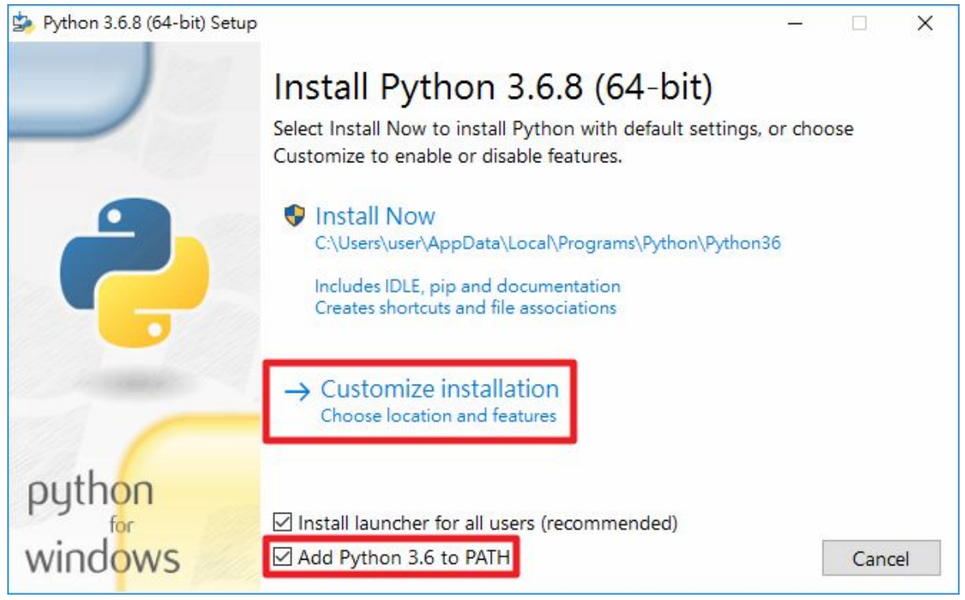
5. 點擊連結下載安裝檔 python-3.6.8-amd64.exe
6. 執行安裝檔
7. 勾選 Add Python 3.6 to PATH，再點擊 Customize installation



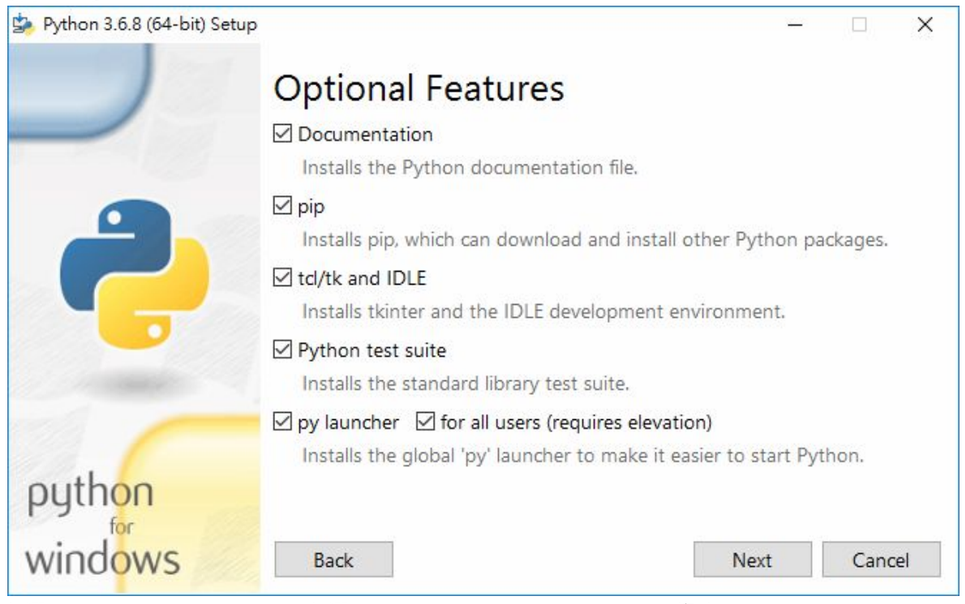
點擊 Continue



點擊 Continue

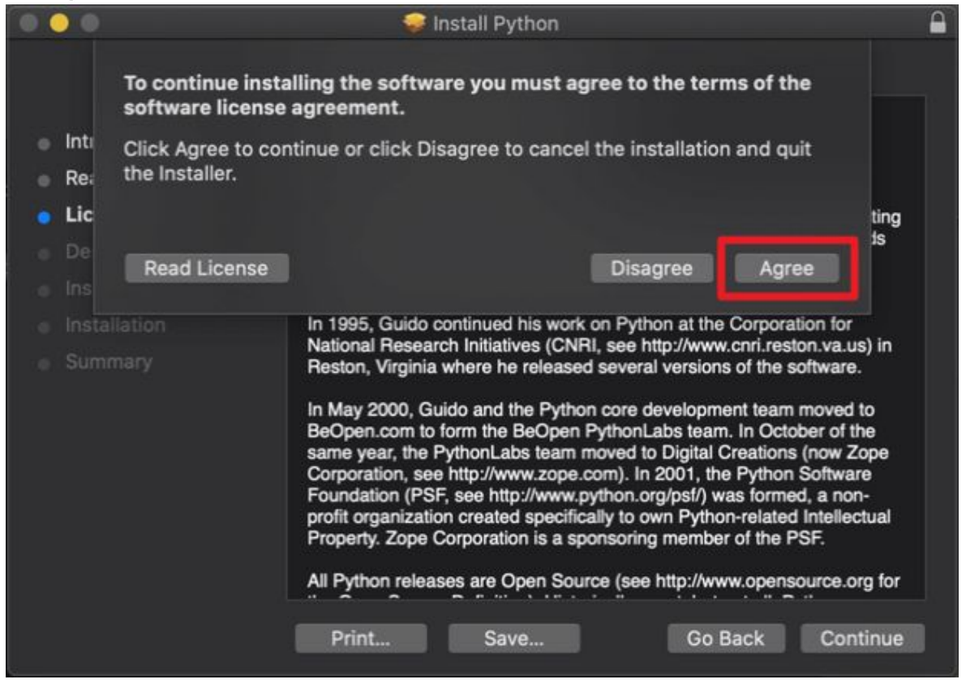


點擊下一步

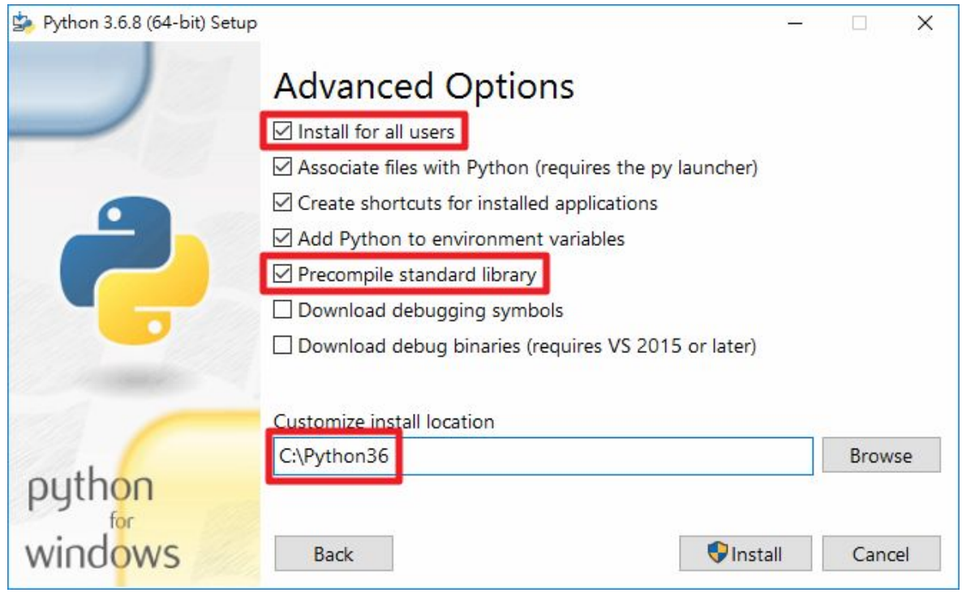


勾選 Install for all users，勾選 Precompile standard library，修改 Customize install location 為 C:\Python36，再點擊 Install

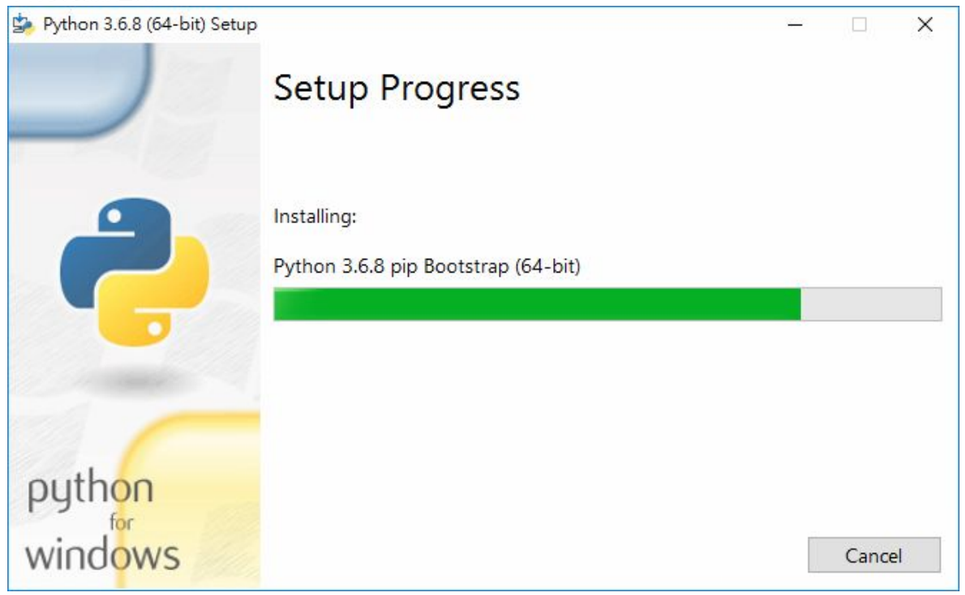
點擊 Agree



點擊 Install

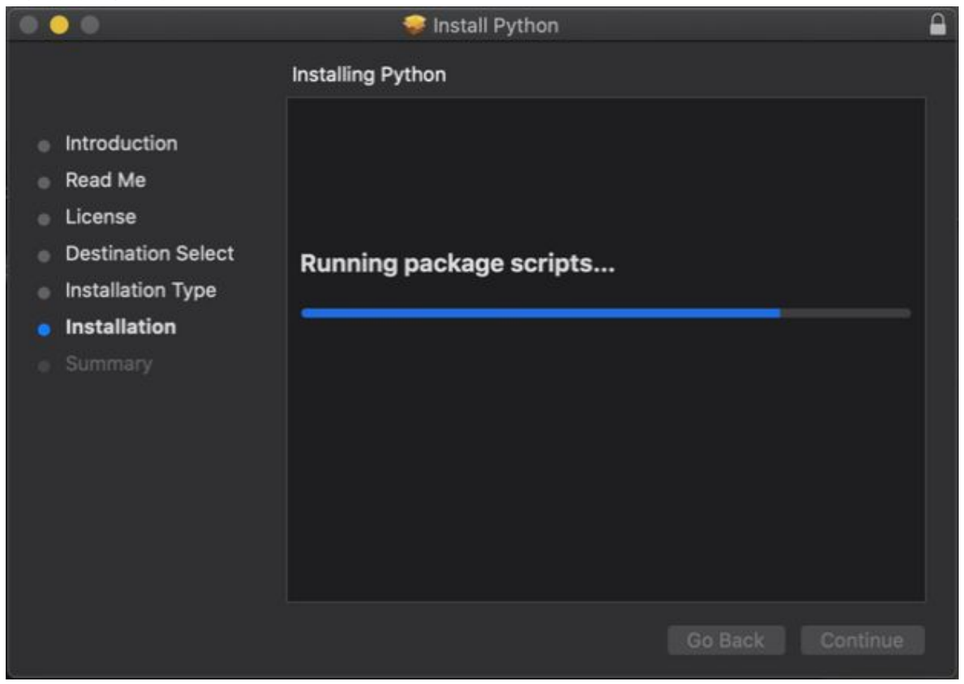


等待安裝流程完成

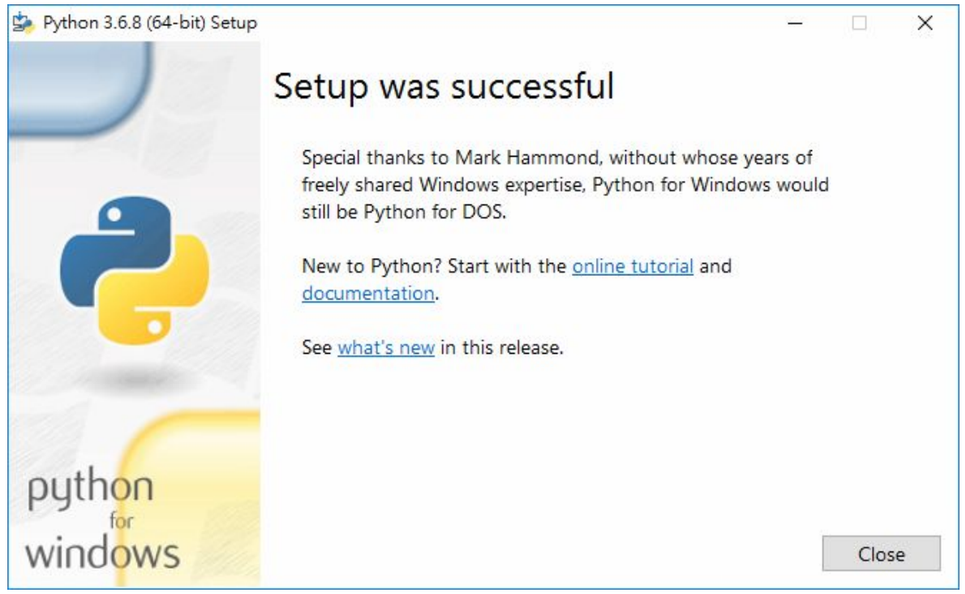


8. 點擊 Close 結束安裝程式

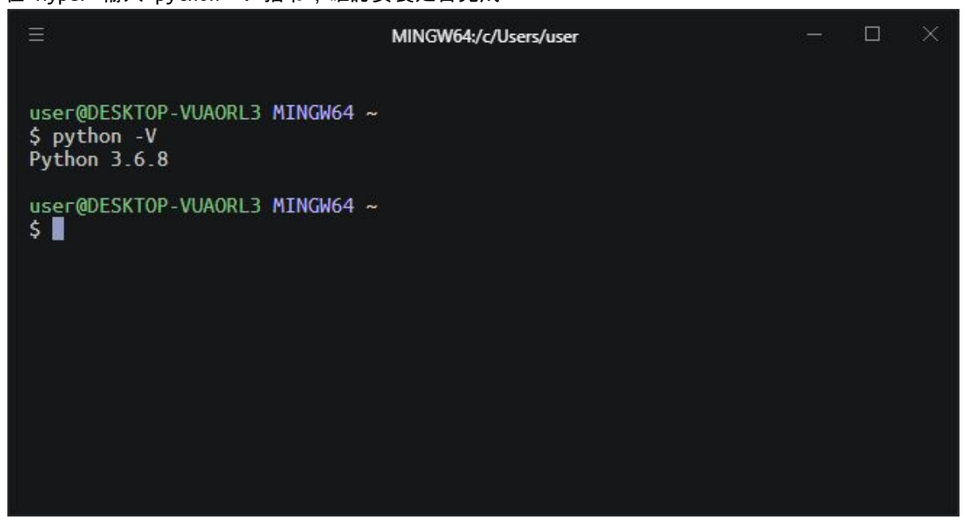
等待安裝流程完成

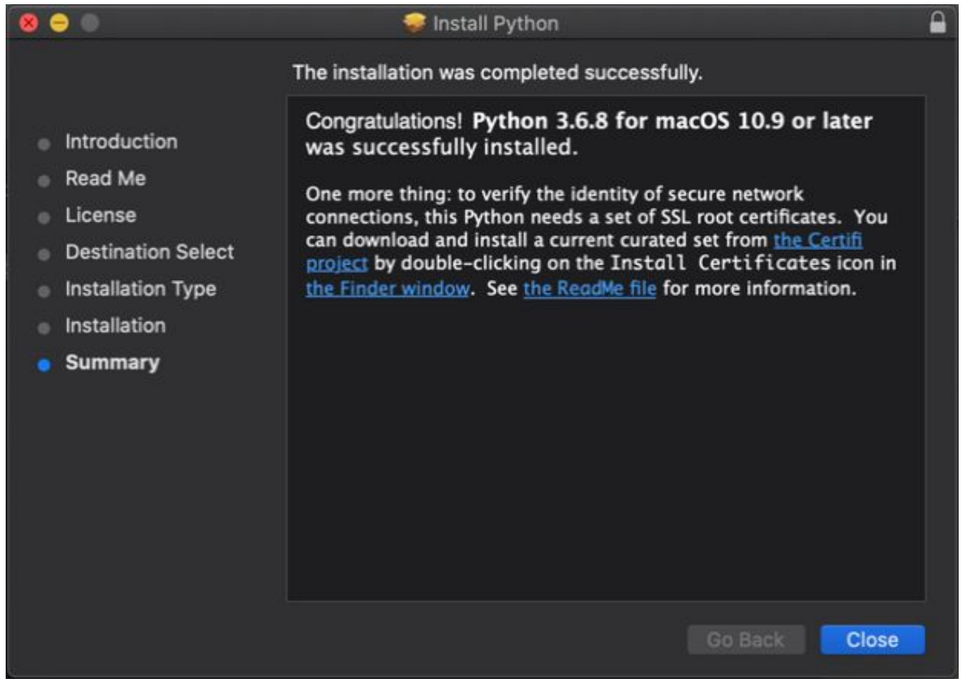


點擊 Close 結束安裝程式

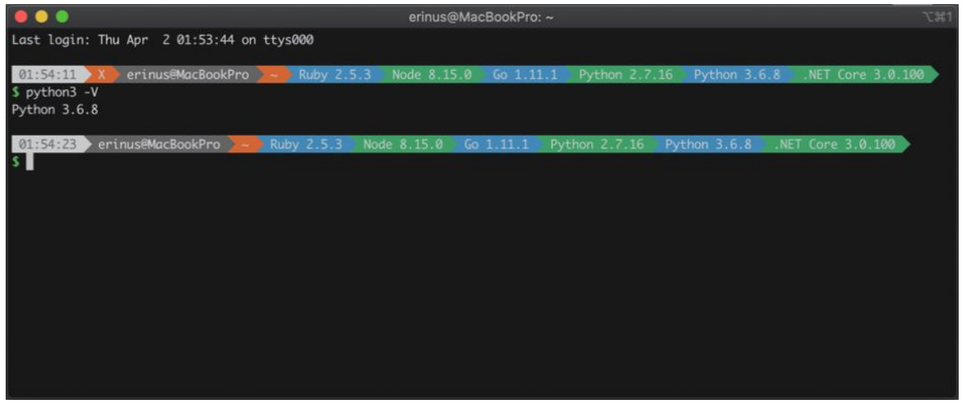


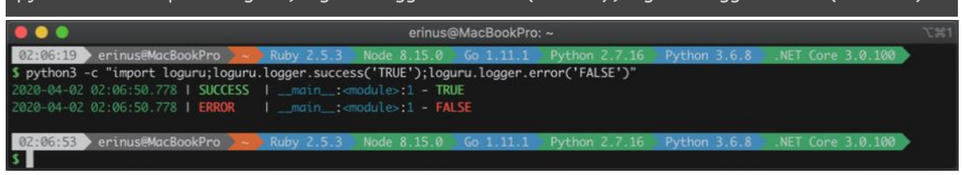
9. 在 Hyper 輸入 python -V 指令，確認安裝是否完成

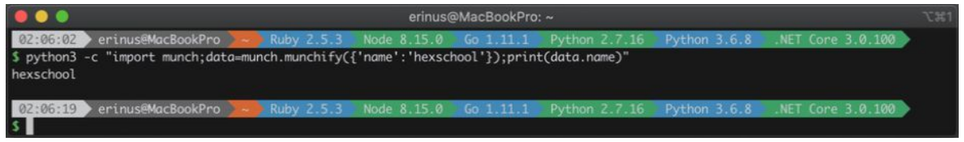




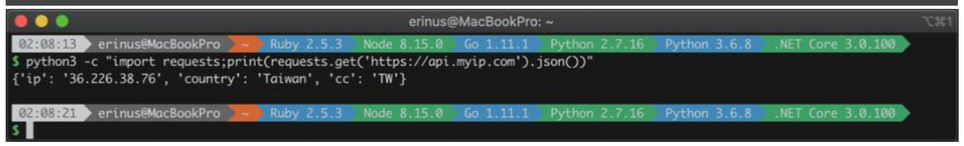
8. 在 iTerm2 輸入 python -V 指令，確認安裝是否完成



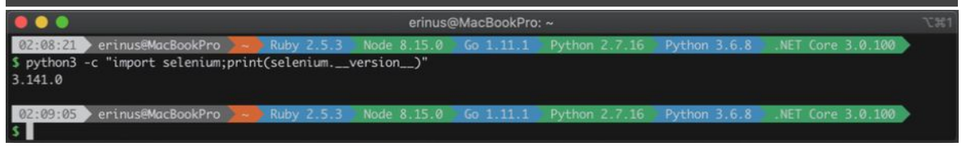
3	**安裝 Python 套件**	1. 在 iTerm2 輸入以下指令安裝課程所需套件
		`python3 -m pip install --upgrade loguru`
		`python3 -m pip install --upgrade munch`
		`python3 -m pip install --upgrade requests`
		`python3 -m pip install --upgrade selenium`
		`python3 -m pip install --upgrade pyquery`
		`python3 -m pip install --upgrade beautifulsoup4`
		2. 在 iTerm2 輸入以下指令，若無錯誤訊息，則代表套件安裝成功
		`python3 -c "import loguru;loguru.logger.success('TRUE');loguru.logger.error('FALSE')"`
		 
		`python3 -c "import munch;data=munch.munchify({'name':'hexschool'});print(data.name)"`
			1. 在 Hyper 輸入以下指令安裝課程所需套件
			`pip install --upgrade loguru`
			`pip install --upgrade munch`
			`pip install --upgrade requests`
			`pip install --upgrade selenium`
			`pip install --upgrade pyquery`
			`pip install --upgrade beautifulsoup4`
			2. 在 Hyper 輸入以下指令，若無錯誤訊息，則代表套件安裝成功
			`python -c "import loguru;loguru.logger.success('TRUE');loguru.logger.error('FALSE')"`



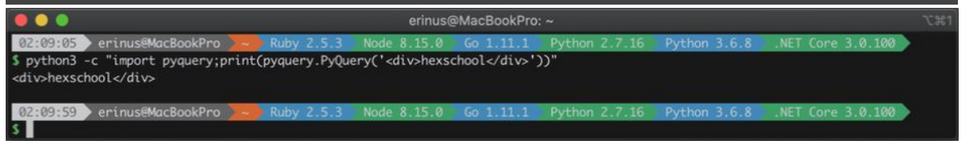

```
python3 -c "import requests;print(requests.get('https://api.myip.com').json())"
```

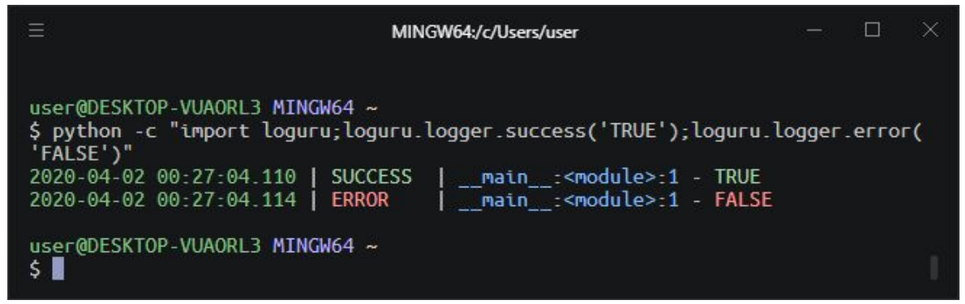



```
python3 -c "import selenium;print(selenium.__version__)"
```

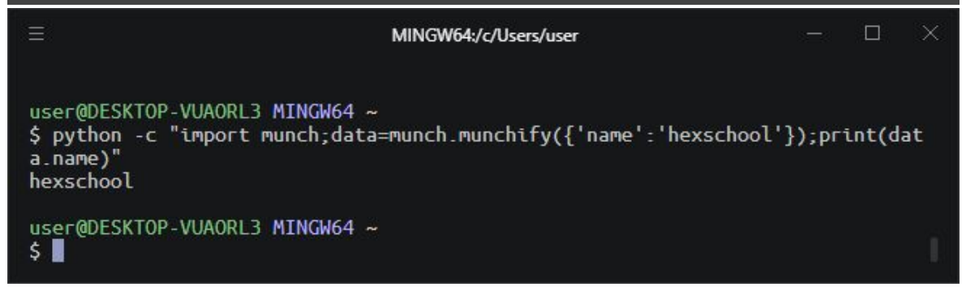



```
python3 -c "import pyquery;print(pyquery.PyQuery('<div>hexschool</div>'))"
```



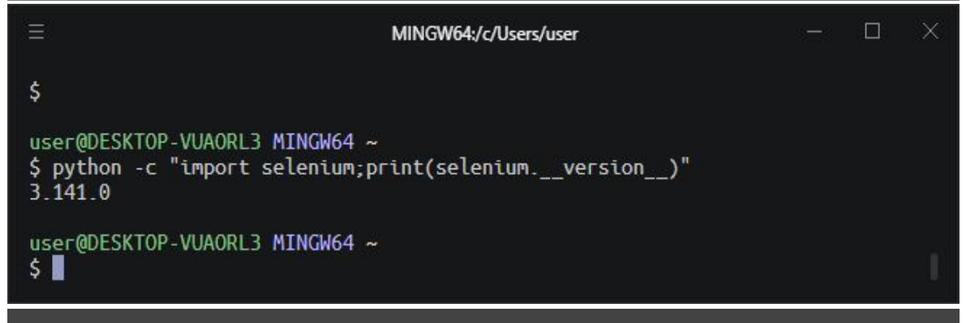



```
python -c "import munch;data=munch.munchify({'name':'hexschool'});print(data.name)"
```

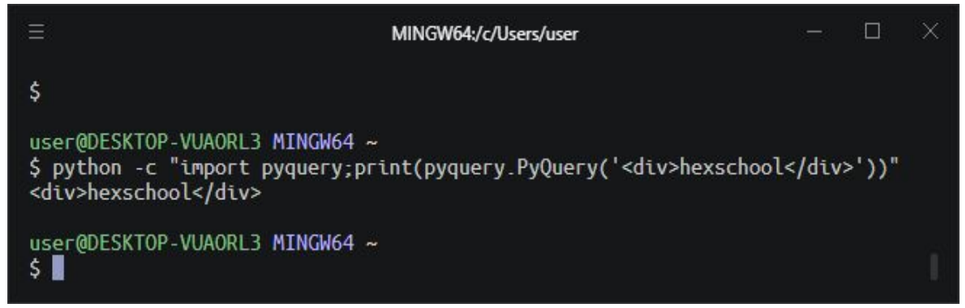



```
python -c "import requests;print(requests.get('https://api.myip.com').json())"
```


```
python -c "import selenium;print(selenium.__version__)"
```




```
python -c "import pyquery;print(pyquery.PyQuery('<div>hexschool</div>'))"
```

			
4	**安裝 Visual Studio Code**		1. 連上 Visual Studio Code 官網 (https://code.visualstudio.com/) 2. 下載安裝對應作業系統的安裝程式