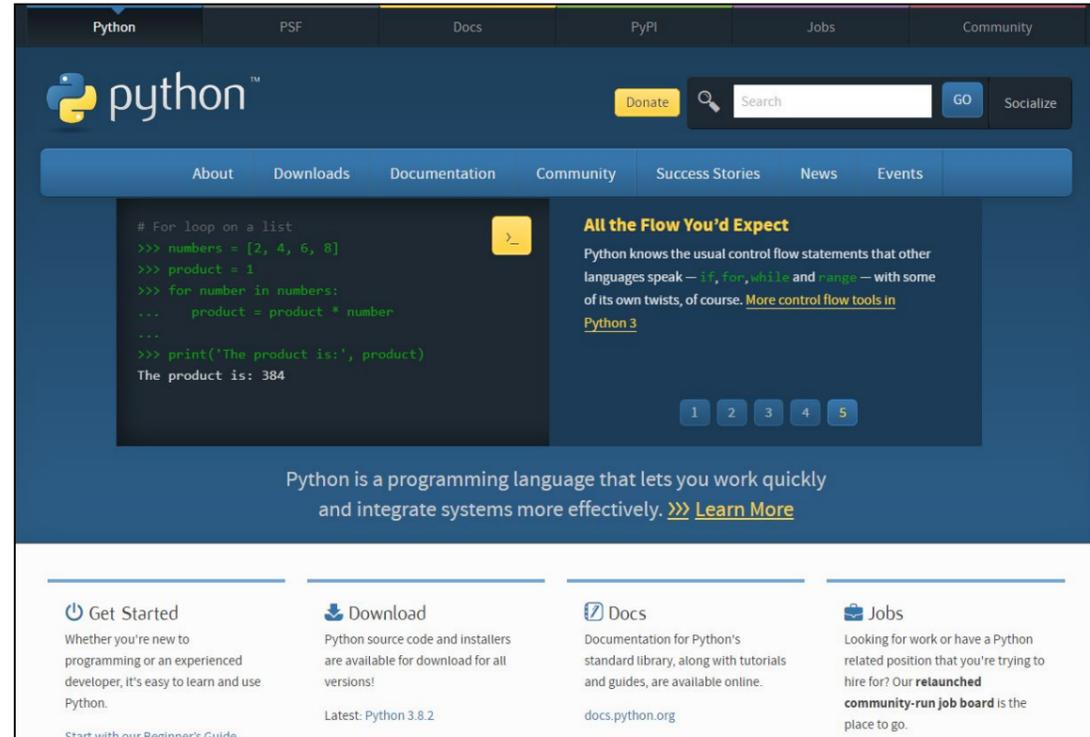


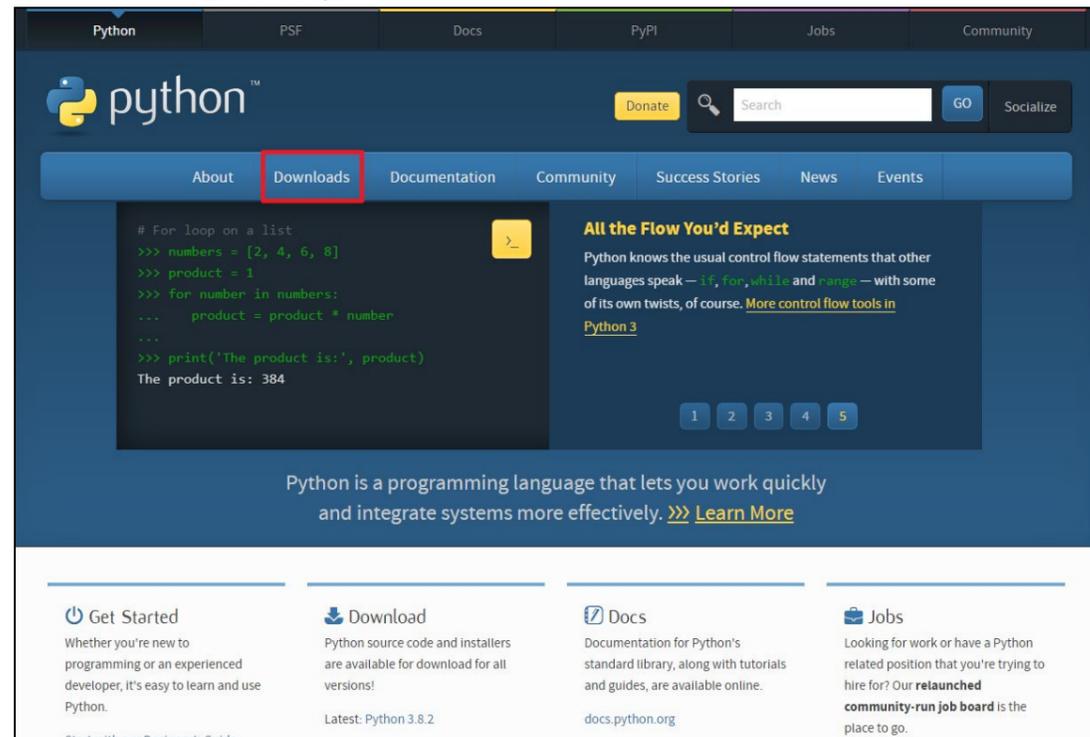
	Mac OS X	Windows
1 安裝終端機	<ol style="list-style-type: none"> 1. 連上 iTerm2 官網 (https://www.iterm2.com/) 2. 點擊 Download 下載 iTerm2-3_3_9.zip 3. 解壓縮 iTerm2-3_3_9.zip, 將解壓縮出來的 iTerm2 應用程式放到 Application 目錄內 	<ol style="list-style-type: none"> 1. 連上 Hyper 官網 (https://hyper.is/) 2. 點擊 Download 進入下載頁面 3. 點擊 Windows (.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)

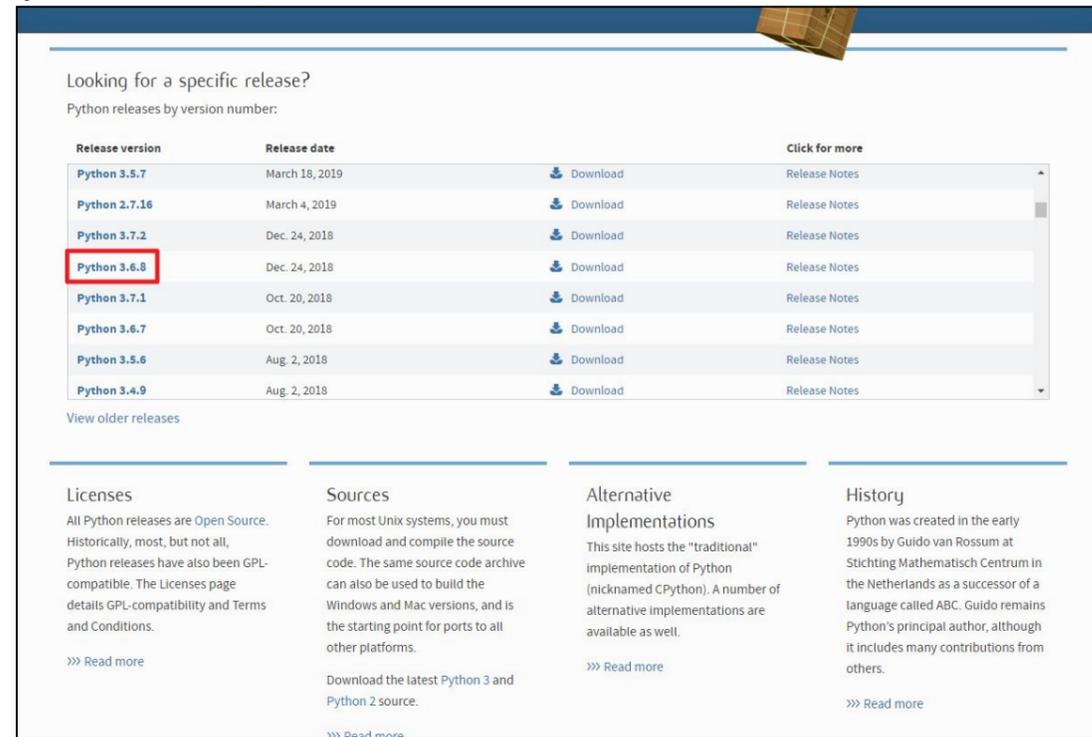
1. 連上 Python 官網 (<https://www.python.org/>)



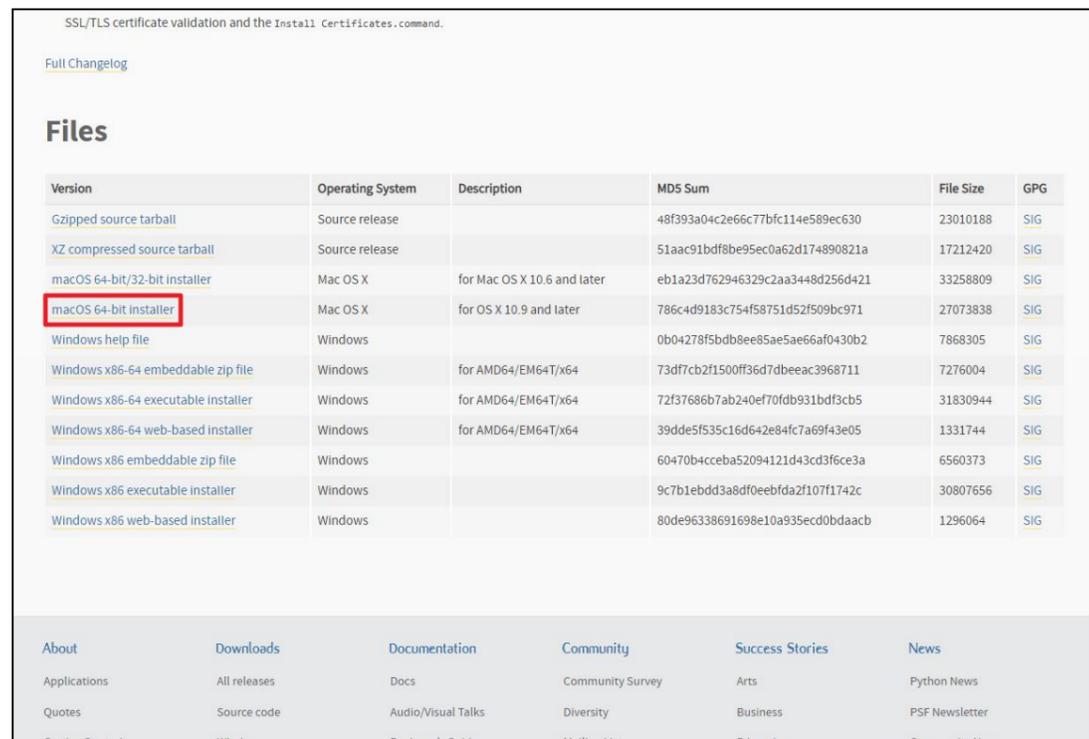
2. 點擊 Downloads 進入下載頁面



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

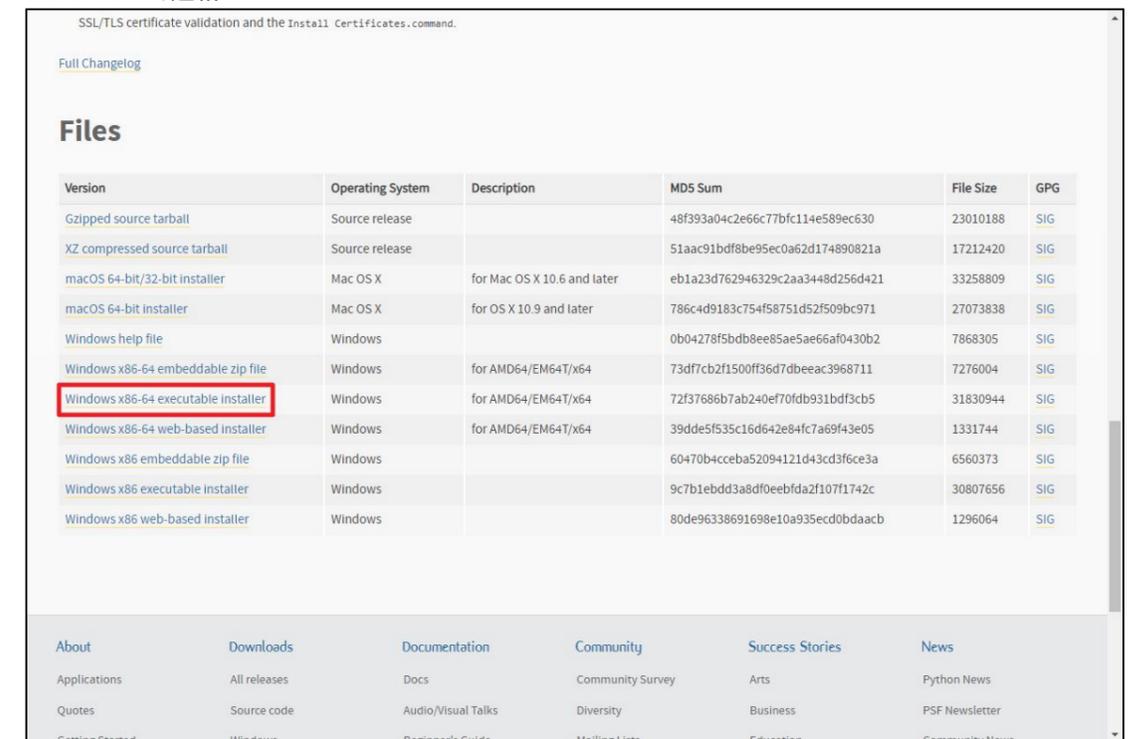


4. 進入版本頁面後，往下拉到 File 表格，並找到 Version 欄為 macOS 64-bit installer 的連結

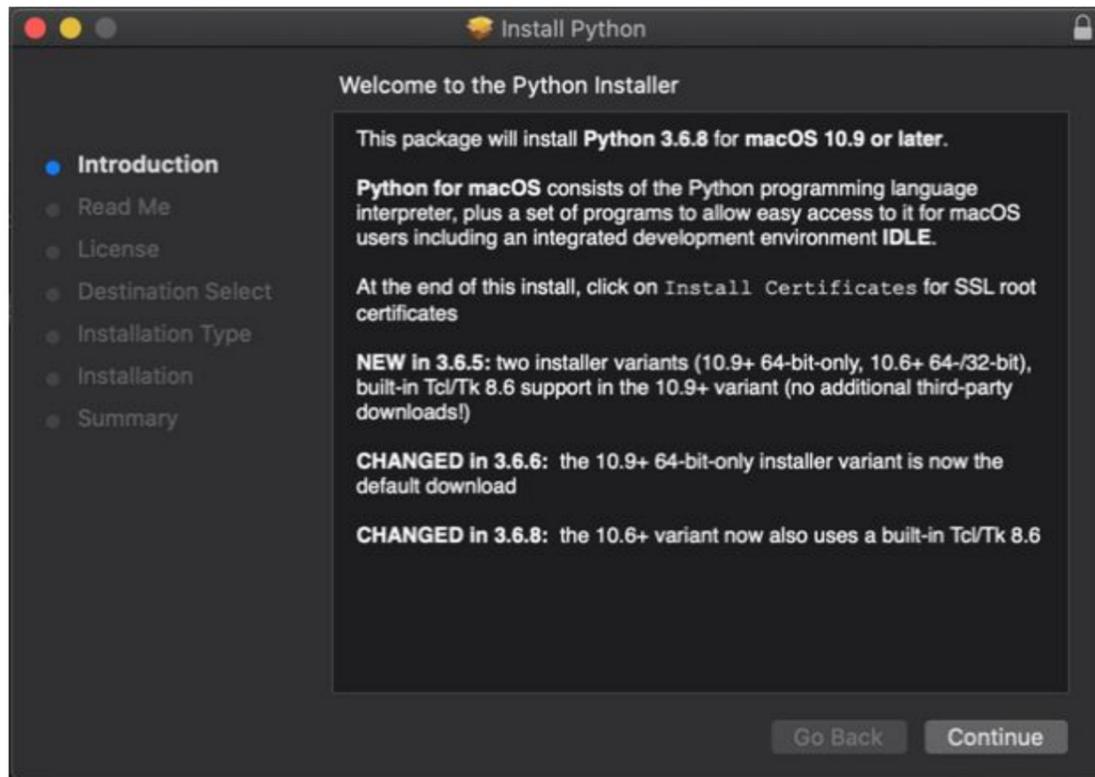


5. 點擊連結下載 python-3.6.8-macosx10.9.pkg
6. 執行安裝檔
7. 點擊 Continue

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



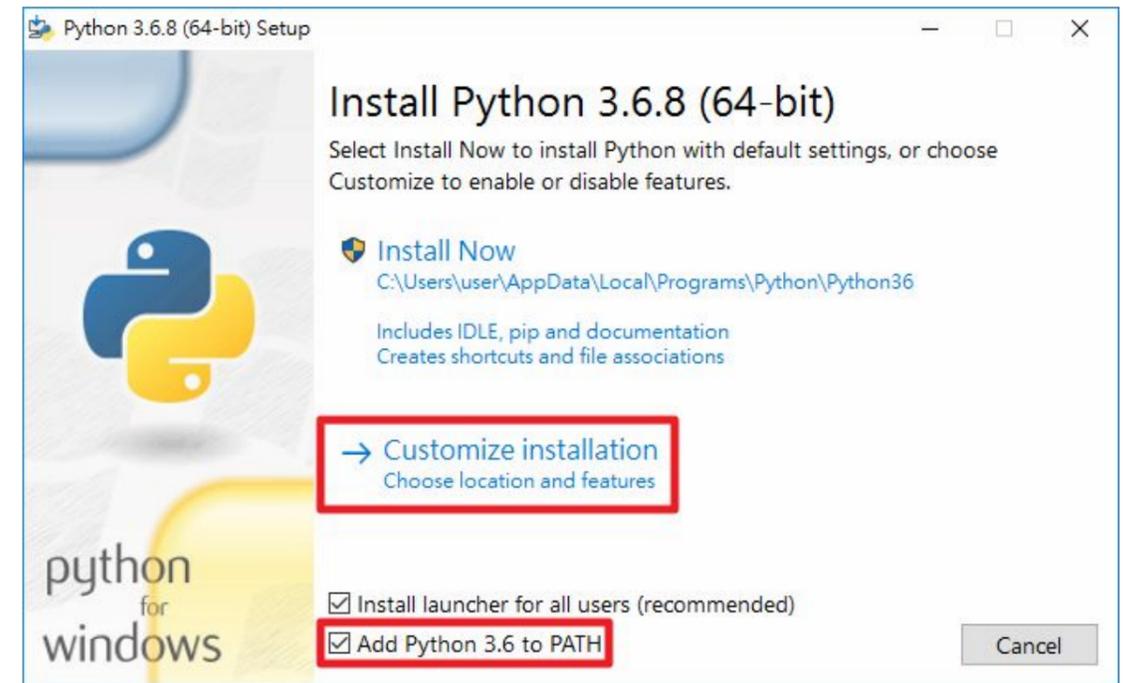
5. 點擊連結下載安裝檔 python-3.6.8-amd64.exe
6. 執行安裝檔
7. 勾選 Add Python 3.6 to PATH, 再點擊 Customize installation



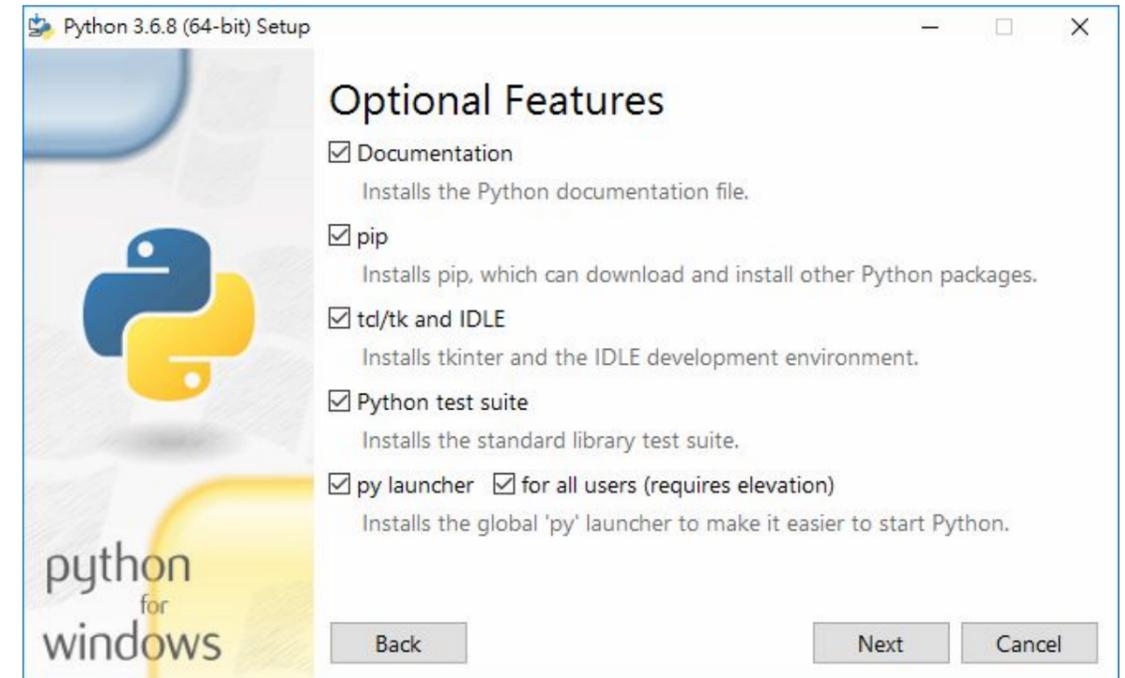
點擊 Continue



點擊 Continue



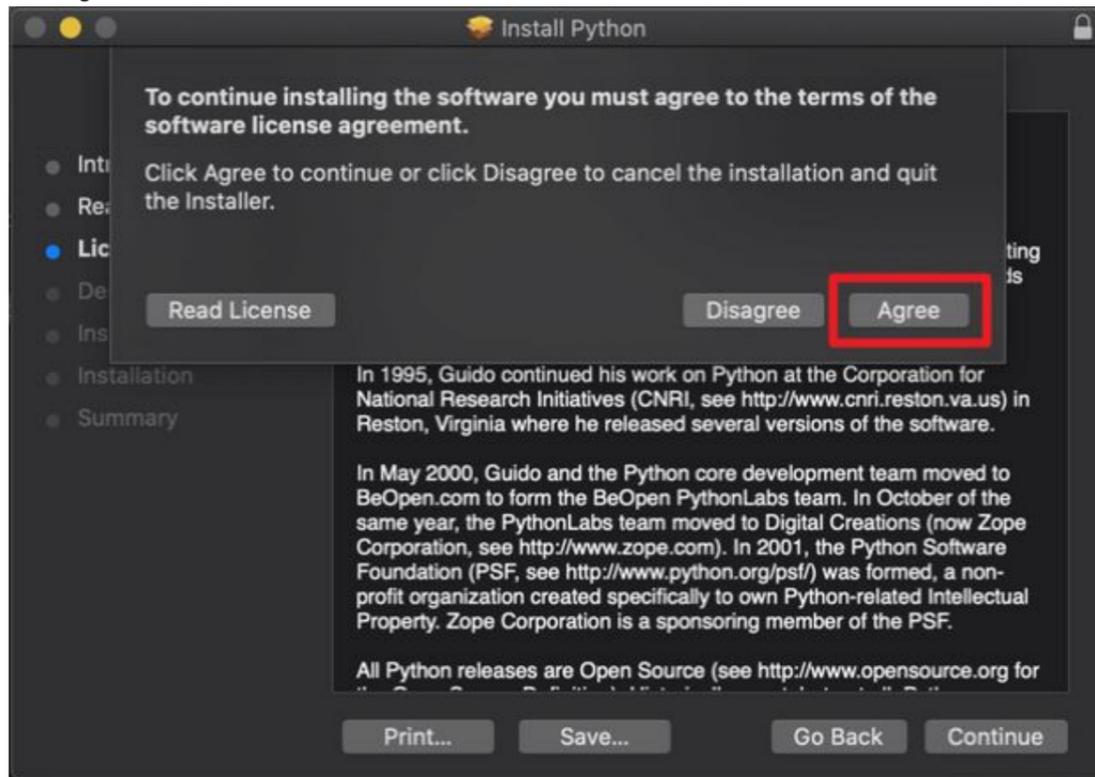
點擊下一步



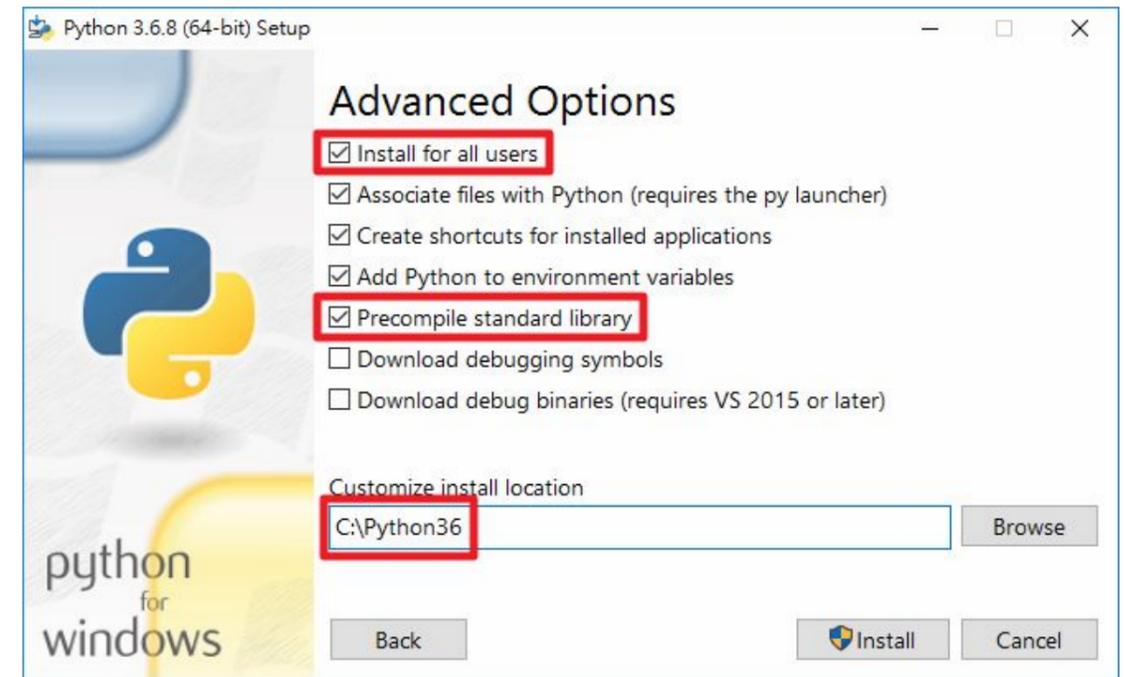
勾選 Install for all users , 勾選 Precompile standard library , 修改 Customize install location 為 C:\Python36 , 再點擊 Install



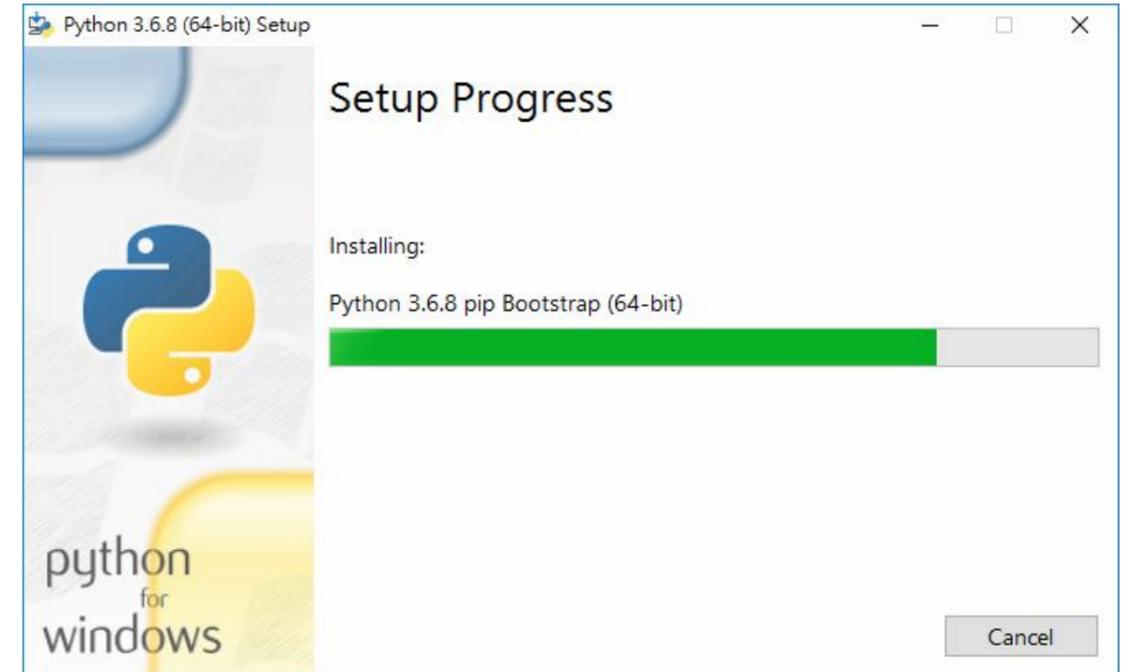
點擊 Agree



點擊 Install



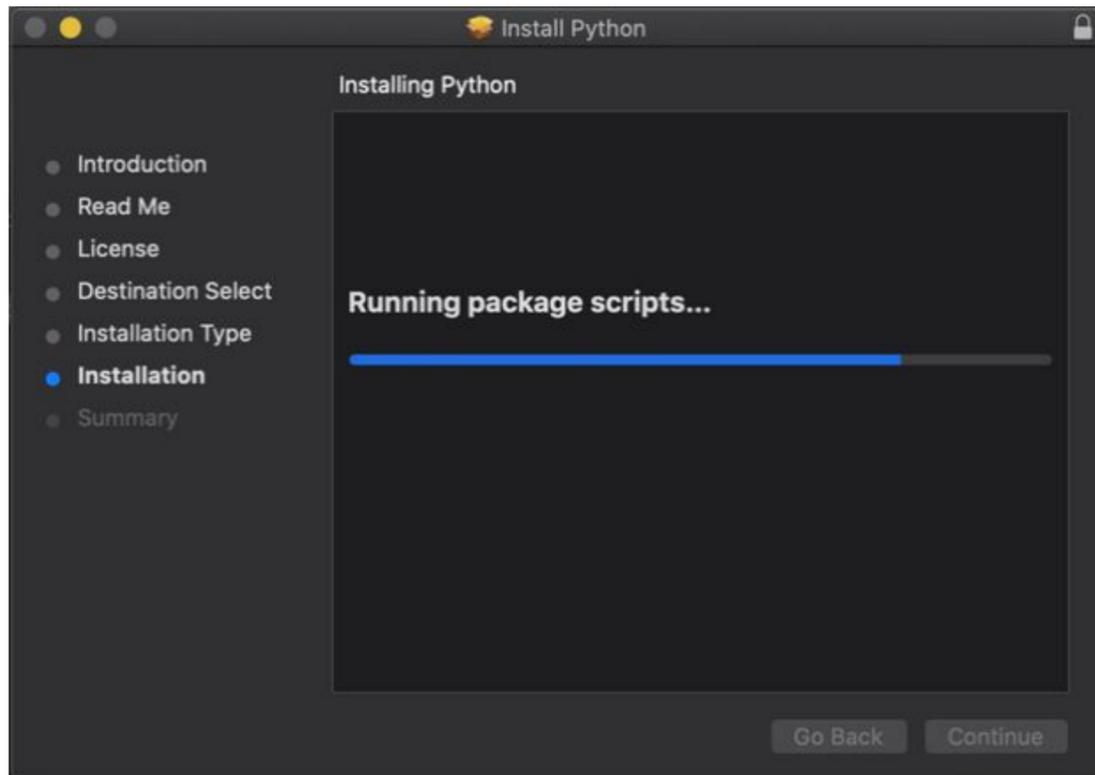
等待安裝流程完成



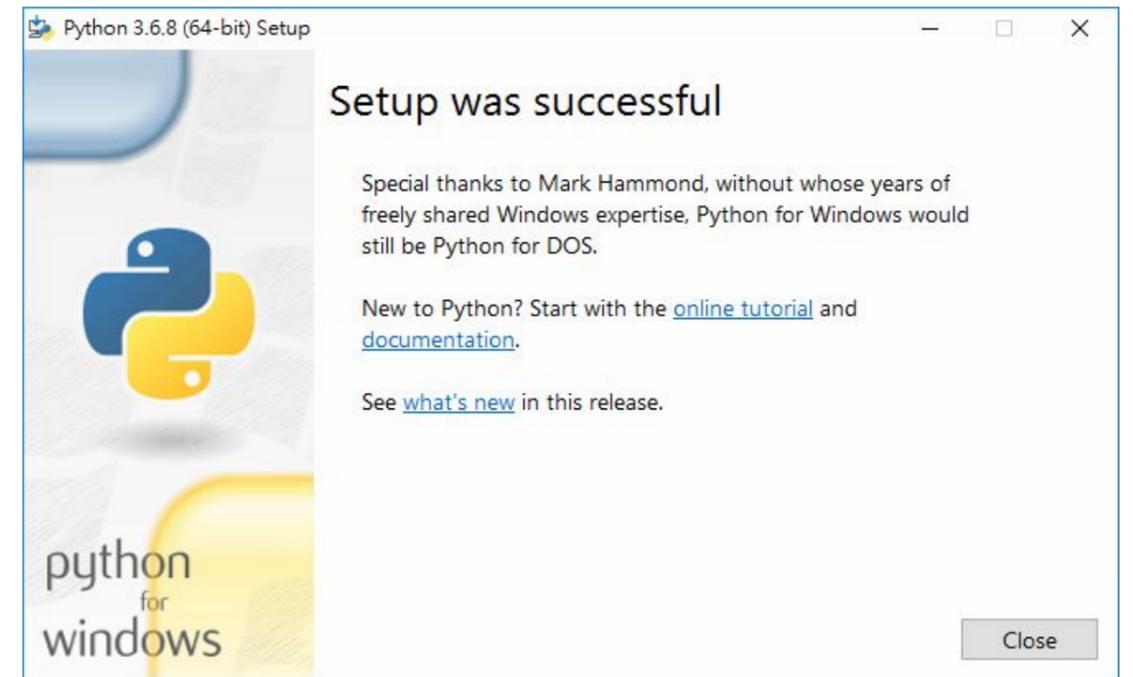
8. 點擊 Close 結束安裝程式



等待安裝流程完成

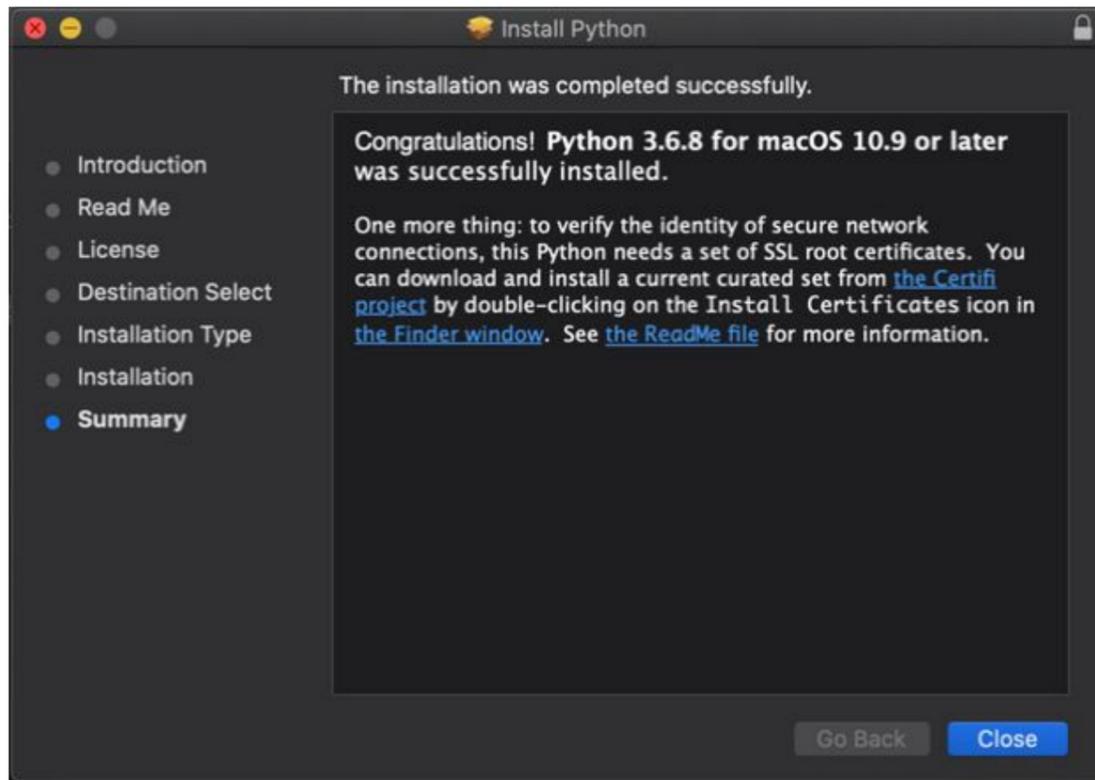


點擊 Close 結束安裝程式

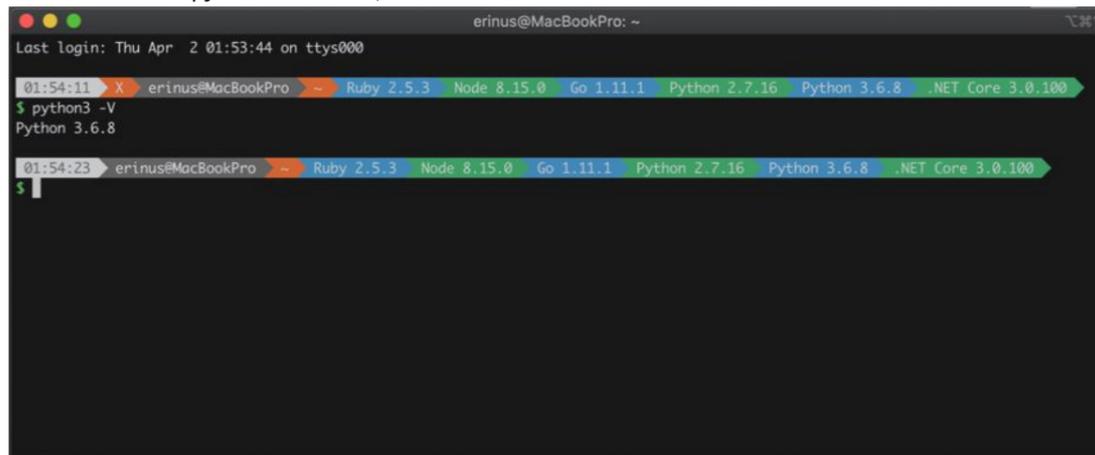


9. 在 Hyper 輸入 `python -V` 指令，確認安裝是否完成





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

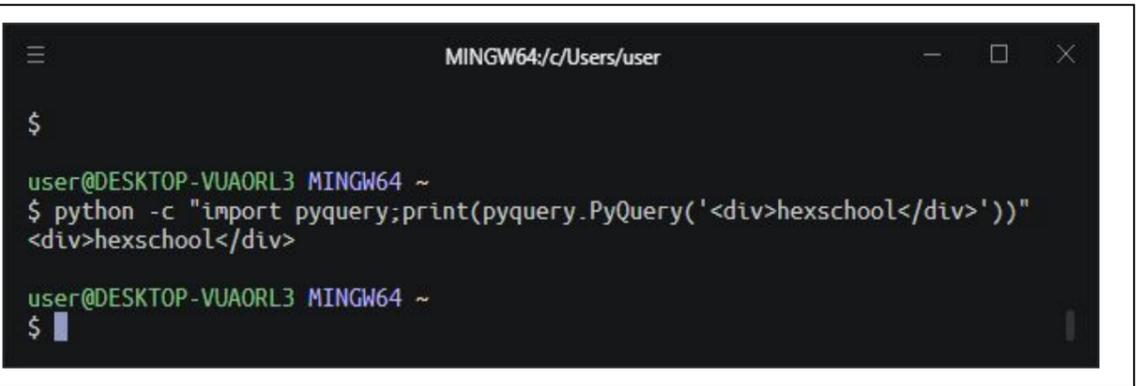
```
pip install --upgrade loguru
pip install --upgrade munch
pip install --upgrade requests
pip install --upgrade selenium
pip install --upgrade pyquery
pip install --upgrade beautifulsoup4
```

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')"
```

```
erinus@MacBookPro: ~  
02:06:02 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$ python3 -c "import munch;data=munch.munchify({'name':'hexschool'});print(data.name)"  
hexschool  
02:06:19 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$  
python3 -c "import requests;print(requests.get('https://api.myip.com').json())"  
erinus@MacBookPro: ~  
02:08:13 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$ python3 -c "import requests;print(requests.get('https://api.myip.com').json())"  
{'ip': '36.226.38.76', 'country': 'Taiwan', 'cc': 'TW'}  
02:08:21 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$  
python3 -c "import selenium;print(selenium.__version__)"  
erinus@MacBookPro: ~  
02:08:21 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$ python3 -c "import selenium;print(selenium.__version__)"  
3.141.0  
02:09:05 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$  
python3 -c "import pyquery;print(pyquery.PyQuery('<div>hexschool</div>'))"  
erinus@MacBookPro: ~  
02:09:05 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$ python3 -c "import pyquery;print(pyquery.PyQuery('<div>hexschool</div>'))"  
<div>hexschool</div>  
02:09:59 erinus@MacBookPro ~ Ruby 2.5.3 Node 8.15.0 Go 1.11.1 Python 2.7.16 Python 3.6.8 .NET Core 3.0.100  
$
```

```
MINGW64:/c/Users/user  
user@DESKTOP-VUAORL3 MINGW64 ~  
$ python -c "import loguru;loguru.logger.success('TRUE');loguru.logger.error('FALSE')"  
2020-04-02 00:27:04.110 | SUCCESS | __main__:<module>:1 - TRUE  
2020-04-02 00:27:04.114 | ERROR | __main__:<module>:1 - FALSE  
user@DESKTOP-VUAORL3 MINGW64 ~  
$  
python -c "import munch;data=munch.munchify({'name':'hexschool'});print(data.name)"  
MINGW64:/c/Users/user  
user@DESKTOP-VUAORL3 MINGW64 ~  
$ python -c "import munch;data=munch.munchify({'name':'hexschool'});print(data.name)"  
hexschool  
user@DESKTOP-VUAORL3 MINGW64 ~  
$  
python -c "import requests;print(requests.get('https://api.myip.com').json())"  
MINGW64:/c/Users/user  
user@DESKTOP-VUAORL3 MINGW64 ~  
$ python -c "import requests;print(requests.get('https://api.myip.com').json())"  
{'ip': '122.116.96.163', 'country': 'Taiwan', 'cc': 'TW'}  
user@DESKTOP-VUAORL3 MINGW64 ~  
$  
python -c "import selenium;print(selenium.__version__)"  
MINGW64:/c/Users/user  
$  
user@DESKTOP-VUAORL3 MINGW64 ~  
$ python -c "import selenium;print(selenium.__version__)"  
3.141.0  
user@DESKTOP-VUAORL3 MINGW64 ~  
$  
python -c "import pyquery;print(pyquery.PyQuery('<div>hexschool</div>'))"
```

			 <pre>MINGW64:/c/Users/user \$ user@DESKTOP-VJAORL3 MINGW64 ~ \$ python -c "import pyquery;print(pyquery.PyQuery('<div>hexschool</div>'))" <div>hexschool</div> user@DESKTOP-VJAORL3 MINGW64 ~ \$</pre>
4	安裝 Visual Studio Code	<ol style="list-style-type: none">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	