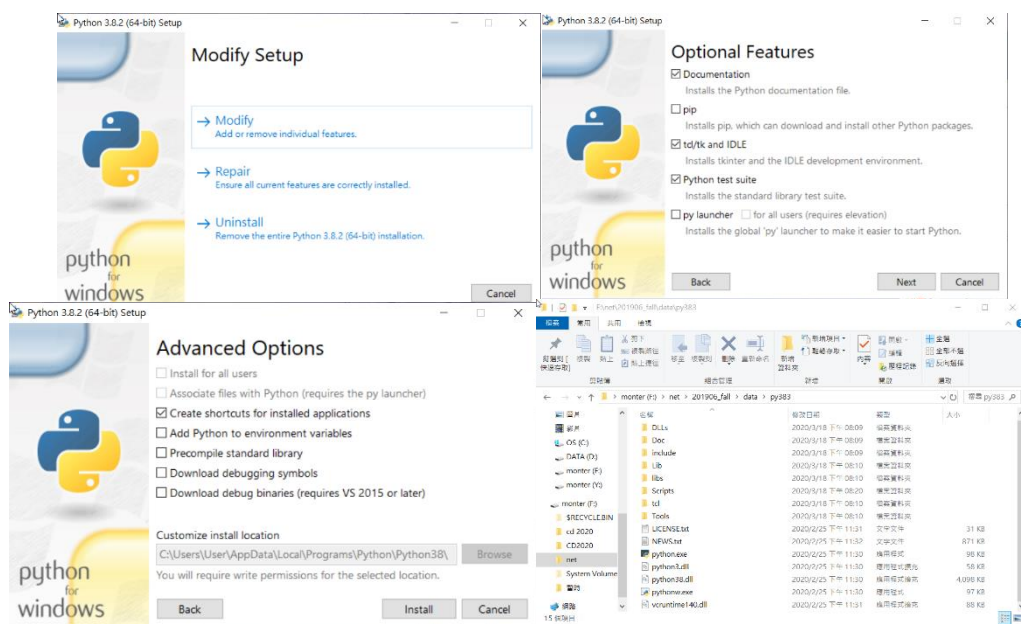


Assignment 1

這次任務 1 的分組合作，我分配到可攜系統，在第一周的時候我先對舊的 2019-fall 可攜做 python 上的跟新，並載入 pip 來協助載入檔案，第二周我參考老師製作的 2019-fall 並重現如何從無到有制作 python 的可攜系統，

(1) Python 跟新

到 <https://www.python.org/downloads/release/python-382/> <https://www.python.org/downloads/release/python-382/> 下載 Windows x86-64 executable installer，載完後執行 python-3.8.2-amd64.exe



選擇 Modify 不要選擇 pip，並選擇 Next 接著選擇完你的下載目錄後就可以點選 Install 來安裝

到 <https://bootstrap.pypa.io/get-pip.py> 頁面，滑鼠右鍵另存新檔到自己原本可攜底下

到自己可攜底下的 wscite415 開啟 Scite.exe 編輯器，把之前 start_mdecourse.bat 拖移進來並利用 Replace 來把原本的 py373 取代成 py383



```
start_mdecourse.bat
%Disk%;

set HomePath=%Disk%\home_mdecourse
set HomeDrive=%Disk%\home_mdecourse
set Home=%Disk%\home_mdecourse
set USERPROFILE=%Disk%\home_mdecourse

REM 將系統 Python 程式的 io 設為 utf-8
set PYTHONIOENCODING="utf-8"

set PYTHONPATH=%Disk%\py373\DLLs;%Disk%\py373\Lib;%Disk%\py373\Scripts
set PYTHONHOME=%Disk%\py373

set path_python=%Disk%\py373;%Disk%\py373\Scripts;
set path_msys2=%Disk%\msys64\mingw64\bin;
REM coreutils is for compiling fossil scm

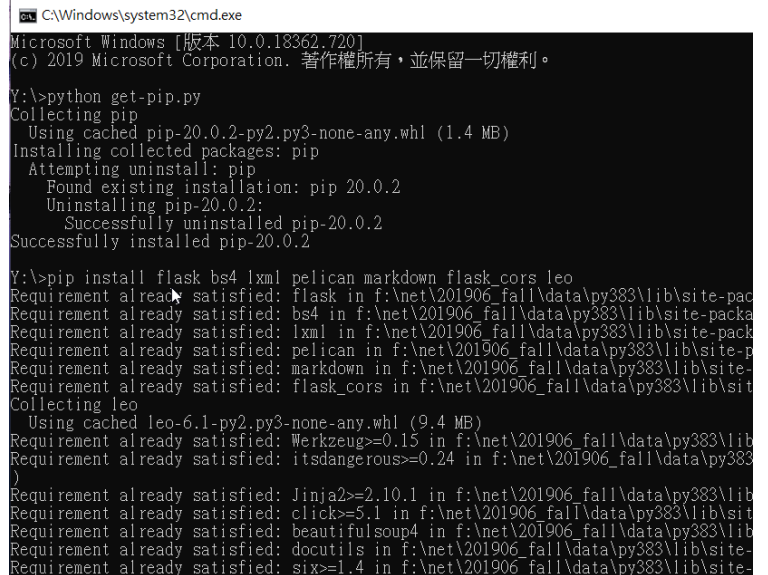
REM for putty
Set GIT_HOME=%Cdisk%\portablegit\bin\
Set GIT_SSH=%Disk%\putty\plink.exe

set path_coreutils=%Disk%\coreutils-5.3.0\bin;%Disk%\depends22_x64;
set path_tcc=%Disk%\tcc;
set path_cmake=%Disk%\cmake-3.10.1-win64-x64\bin;
set path_nodejs=%Disk%\nodejs;%Disk%\nodejs\appdata\roaming\npm;
set path_git=%Disk%\portablegit\bin;
set path_xming=%Disk%\Xming;
set path_latex=%Disk%\Pandoc;%Disk%\TinyTeX\bin\win32;

path=%Disk%;%path_python%;%path_msys2%;%path_tcc%;%path_git%;%path_xming%;%path_latex%;

start /MIN cmd.exe
start /MIN cmd.exe
start /MIN cmd.exe
start /MIN cmd.exe

start /MIN %Disk%\wscite415\wscite\ScITE.exe
```



```
C:\Windows\system32\cmd.exe
Microsoft Windows [版本 10.0.18362.720]
(c) 2019 Microsoft Corporation. 著作權所有，並保留一切權利。

Y:\>python get-pip.py
Collecting pip
Using cached pip-20.0.2-py2.py3-none-any.whl (1.4 MB)
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 20.0.2
    Uninstalling pip-20.0.2:
      Successfully uninstalled pip-20.0.2
Successfully installed pip-20.0.2

Y:\>pip install flask bs4 lxml pelican markdown flask_cors leo
Requirement already satisfied: flask in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: bs4 in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: lxml in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: pelican in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: markdown in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: flask_cors in f:\net\201906_fall\data\py383\lib\site-packages
Collecting leo
Using cached leo-6.1-py2.py3-none-any.whl (9.4 MB)
Requirement already satisfied: Werkzeug>=0.15 in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: itsdangerous>=0.24 in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: Jinja2>=2.10.1 in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: click>=5.1 in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: beautifulsoup4 in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: docutils in f:\net\201906_fall\data\py383\lib\site-packages
Requirement already satisfied: six>=1.4 in f:\net\201906_fall\data\py383\lib\site-packages
```

接著安裝 pip 和 cmsimde 所需模組

下面有網址可以下載已做好的 cd2020

<https://drive.google.com/file/d/1DIM8rOFdTgGUXP6ugSSueat7pbZOWCaN/view?usp=sharing>

影片連結：<https://youtu.be/LaTbPF98Gkw>

(2)製作 python 可攜系統

先在隨身碟底下創一個 CD2020 的資料夾，並在裡面創一個 data

接著在 data 底下創 6 個資料夾，分別叫 PortableGit msys2 python383 wscite237 tmp home

PortableGit

到 <https://git-scm.com/download/win> 下載 64-bit Git for Windows Portable
下載完後，安裝檔案到 CD2020/data/PortableGit

msys2

到 <https://www.msys2.org/> 下載 msys2-x86_64-20190524.exe 下載完後，安裝檔案到 CD2020/data/msys2

python383

到 <https://www.python.org/downloads/release/python-382/> 下載 Windows x86-64 executable installer 下載完後，安裝並複製檔案到 CD2020/data/python383

wscite237

到 <https://www.scintilla.org/SciTEDownload.html> 下載 full 64-bit download ，下載完後，解壓縮檔案到 CD2020/data/wscite237 輯器執行的 Scite.exe 編，打開 Options 下的 Global Options File 其中的預設值 code.page=0 修改設定為 code.page=65001，將 load.on.activate=1 前面的井字號拿掉

home

把舊的 2019fall/data/home 裡面複製 .gitconfig 並貼到新的 home 裡

tcc

到 <https://github.com/TinyCC/tinycc> 接著到命令提示字元裡 git clone <https://github.com/TinyCC/tinycc.git> tcc

Jupyterlab

到命令提示字元裡使用 pip install jupyterlab==2.0.1 就會自動安裝進去

Fossil SCM

到 <https://www.fossil-scm.org/home/doc/trunk/www/index.wiki> 下載 fossil scm 下載完後，解壓縮檔案到 CD2020/data

Flutter

到 <https://github.com/flutter/flutter> 接著到命令提示字元裡 git clone <https://github.com/flutter/flutter.git> -b stable

vscode

到 <https://github.com/microsoft/vscode> 接著到命令提示字元裡 git clone <https://github.com/microsoft/vscode.git> vscode

tmp

git clone 自己的倉儲

安裝 pip 和 cmsimde 所需模組

先到 <https://bootstrap.pypa.io/get-pip.py> 下載 get-pip.py，並用程式碼自動載

影片連結：<https://youtu.be/HuHDDvwnMag>