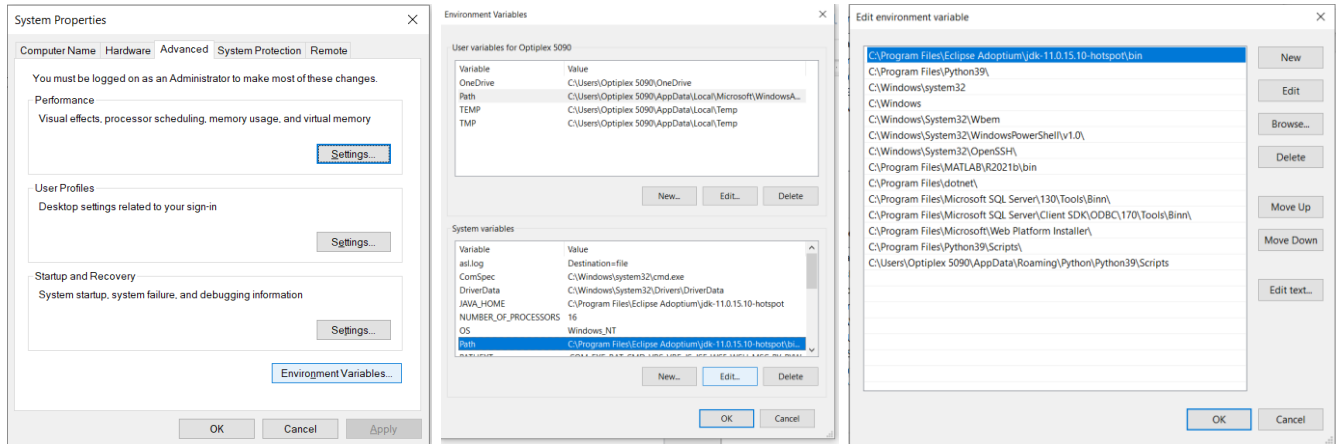


วิธีติดตั้ง Robotframework และ SeleniumLibrary

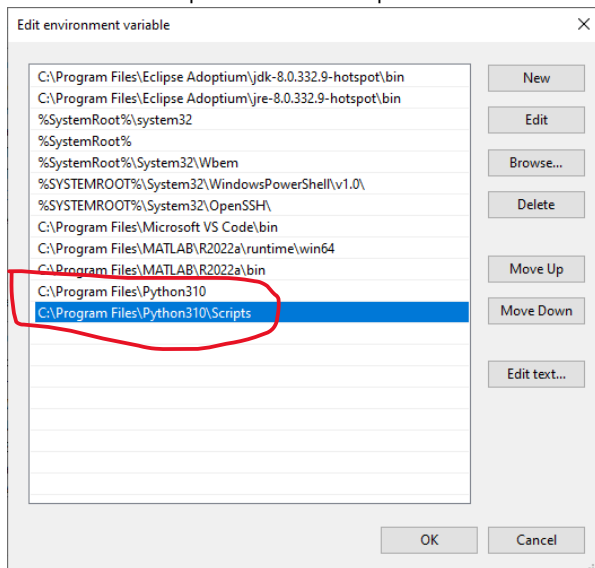
1. ตรวจสอบว่ามีการกำหนด Path ให้กับ python หรือยัง

- System Properties/Environment Variables
- System Variables/Path/Edit

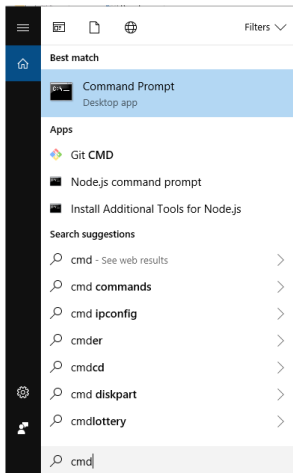


กรณีที่ไม่มี path ไปยัง python ให้เซตด้วยคำสั่ง New - 2 ครั้ง

- ครั้งแรกเพิ่ม path ของ Python
- ครั้งที่สองเพิ่ม path ของ Scripts

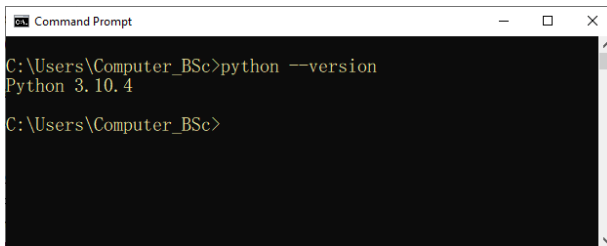


2. เปิด Command Prompt



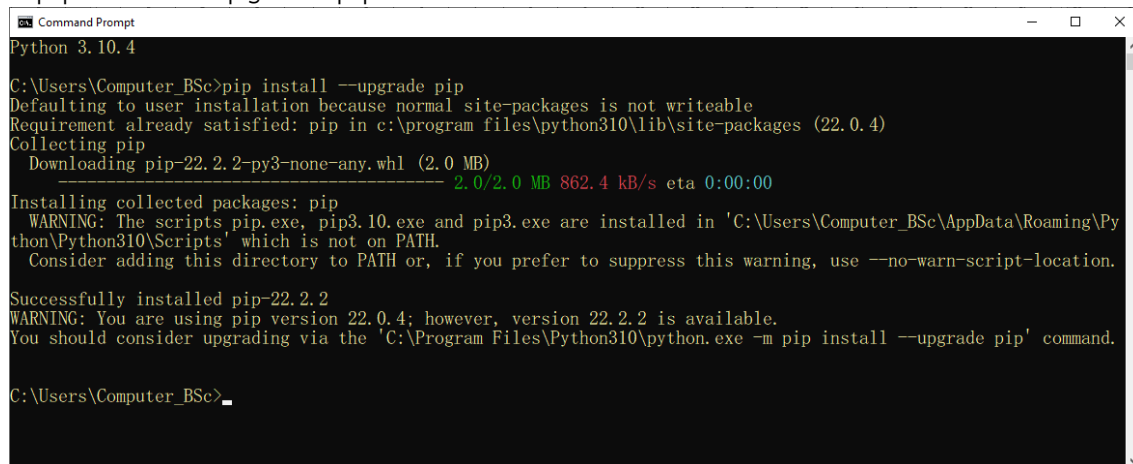
ตรวจสอบ version ของ python

>python --version



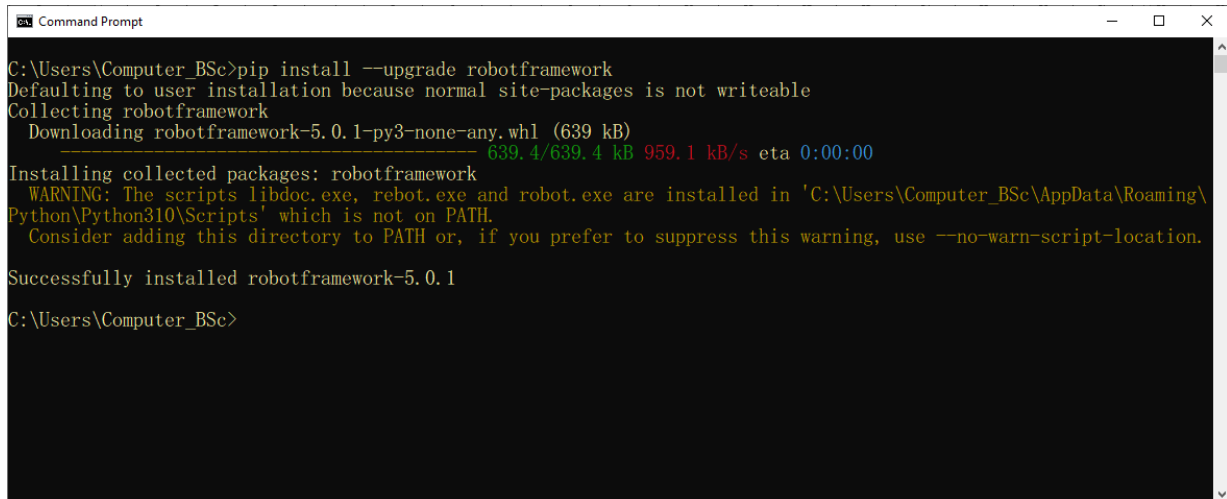
3. ติดตั้ง pip โดยใช้คำสั่ง pip install --upgrade pip

> pip install --upgrade pip



4. ติดตั้ง robotframework โดยใช้คำสั่ง `pip install --upgrade robotframework`

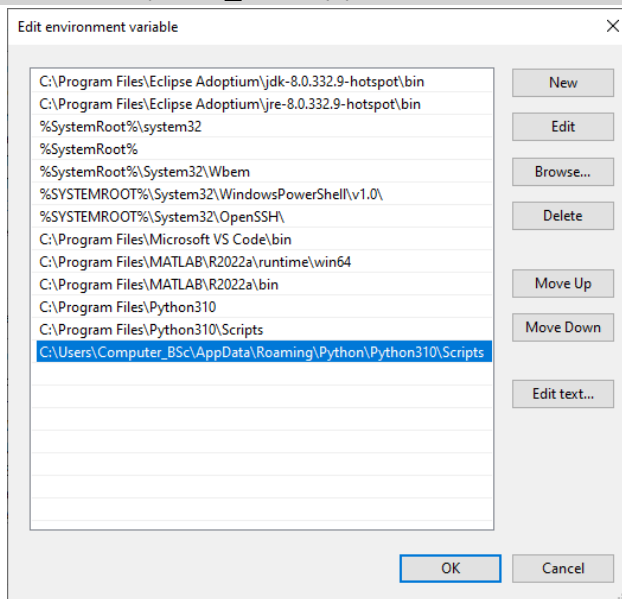
> `pip install --upgrade robotframework`



```
Command Prompt
C:\Users\Computer_BSc>pip install --upgrade robotframework
Defaulting to user installation because normal site-packages is not writeable
Collecting robotframework
  Downloading robotframework-5.0.1-py3-none-any.whl (639 kB)
    639.4/639.4 kB 959.1 kB/s eta 0:00:00
Installing collected packages: robotframework
WARNING: The scripts libdoc.exe, rebot.exe and robot.exe are installed in 'C:\Users\Computer_BSc\AppData\Roaming\Python\Python310\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed robotframework-5.0.1
C:\Users\Computer_BSc>
```

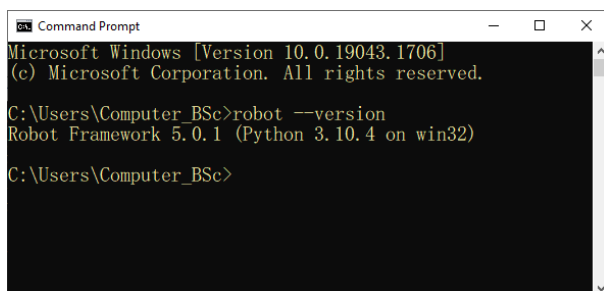
กรณีมี warning เรื่อง path ต้องไปเซต path ด้วย

C:\Users\Computer_BSc\AppData\Roaming\Python\Python310\Scripts



5. ตรวจสอบการติดตั้ง robotframework โดยใช้คำสั่ง `robot --version`

> `robot --version`



```
Command Prompt
Microsoft Windows [Version 10.0.19043.1706]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Computer_BSc>robot --version
Robot Framework 5.0.1 (Python 3.10.4 on win32)

C:\Users\Computer_BSc>
```

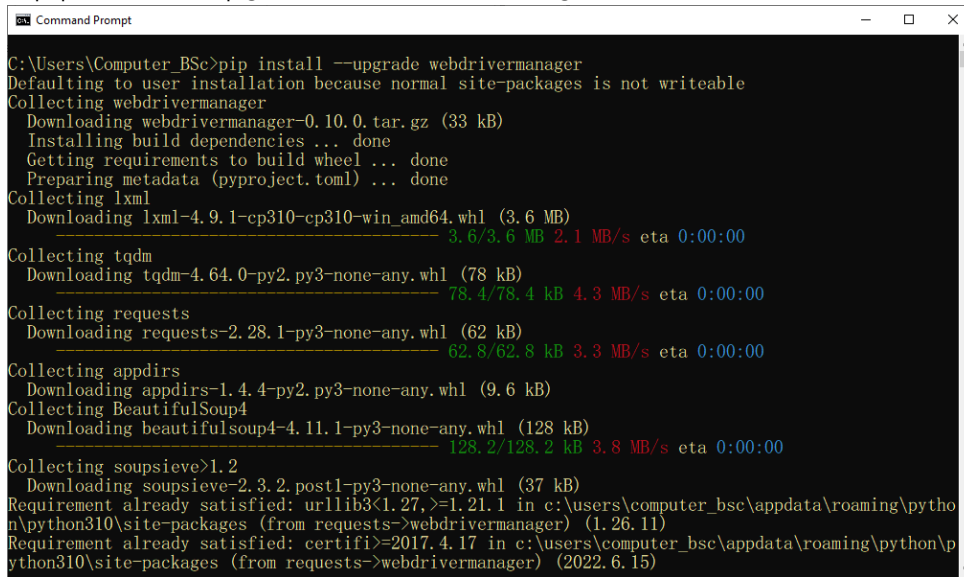
6. ติดตั้ง seleniumlibrary โดยใช้คำสั่ง `pip install --upgrade robotframework-seleniumlibrary`
> `pip install --upgrade robotframework-seleniumlibrary`

```
Command Prompt
C:\Users\Computer_BSc>pip install --upgrade robotframework-seleniumlibrary
Defaulting to user installation because normal site-packages is not writeable
Collecting robotframework-seleniumlibrary
  Downloading robotframework_seleniumlibrary-6.0.0-py2.py3-none-any.whl (95 kB)
    95.2/95.2 kB 680.0 kB/s eta 0:00:00
Requirement already satisfied: robotframework>=3.2.2 in c:\users\computer_bsc\appdata\roaming\python\python310\site-pack
ages (from robotframework-seleniumlibrary) (5.0.1)
Collecting selenium>=4.0.0
  Downloading selenium-4.4.3-py3-none-any.whl (985 kB)
    986.0/986.0 kB 2.4 MB/s eta 0:00:00
Collecting robotframework-pythonlibcore>=2.2.1
  Downloading robotframework_pythonlibcore-3.0.0-py2.py3-none-any.whl (9.9 kB)
Collecting urllib3[socks]>=1.26
  Downloading urllib3-1.26.11-py2.py3-none-any.whl (139 kB)
    139.9/139.9 kB 8.6 MB/s eta 0:00:00
Collecting trio-websocket>=0.9
  Downloading trio_websocket-0.9.2-py3-none-any.whl (16 kB)
Collecting trio>=0.17
  Downloading trio-0.21.0-py3-none-any.whl (358 kB)
```

7. ตรวจสอบการติดตั้งทั้งหมดโดยใช้คำสั่ง `pip freeze`
> `pip freeze`

```
Command Prompt
C:\Users\Computer_BSc>pip freeze
async-generator==1.10
attrs==22.1.0
certifi==2022.6.15
cffi==1.15.1
h11==0.13.0
idna==3.3
outcome==1.2.0
pyparser==2.21
PySocks==1.7.1
robotframework==5.0.1
robotframework-pythonlibcore==3.0.0
robotframework-seleniumlibrary==6.0.0
selenium==4.4.3
sniffio==1.2.0
sortedcontainers==2.4.0
trio==0.21.0
trio-websocket==0.9.2
urllib3==1.26.11
wsproto==1.1.0
C:\Users\Computer_BSc>
```

8. ติดตั้ง webdrivermanager โดยใช้คำสั่ง `pip install --upgrade webdrivermanager`
> `pip install --upgrade webdrivermanager`



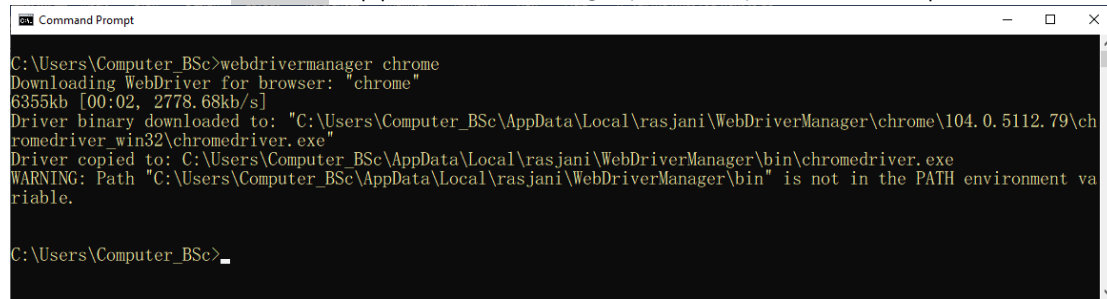
```
C:\Users\Computer_BSc>pip install --upgrade webdrivermanager
Defaulting to user installation because normal site-packages is not writeable
Collecting webdrivermanager
  Downloading webdrivermanager-0.10.0.tar.gz (33 kB)
    Installing build dependencies ... done
    Getting requirements to build wheel ... done
    Preparing metadata (pyproject.toml) ... done
Collecting lxml
  Downloading lxml-4.9.1-cp310-cp310-win_amd64.whl (3.6 MB)
    3.6/3.6 MB 2.1 MB/s eta 0:00:00
Collecting tqdm
  Downloading tqdm-4.64.0-py2.py3-none-any.whl (78 kB)
    78.4/78.4 kB 4.3 MB/s eta 0:00:00
Collecting requests
  Downloading requests-2.28.1-py3-none-any.whl (62 kB)
    62.8/62.8 kB 3.3 MB/s eta 0:00:00
Collecting appdirs
  Downloading appdirs-1.4.4-py2.py3-none-any.whl (9.6 kB)
Collecting BeautifulSoup4
  Downloading beautifulsoup4-4.11.1-py3-none-any.whl (128 kB)
    128.2/128.2 kB 3.8 MB/s eta 0:00:00
Collecting soupsieve>1.2
  Downloading soupsieve-2.3.2.post1-py3-none-any.whl (37 kB)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\computer_bsc\appdata\roaming\python\python310\site-packages (from requests->webdrivermanager) (1.26.11)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\computer_bsc\appdata\roaming\python\python310\site-packages (from requests->webdrivermanager) (2022.6.15)
```

หรือใช้คำสั่ง

> `webdrivermanager chrome`

กรณีนี้ต้อง copy ไฟล์ `chromedriver.exe`

ไปไว้ที่ `C:\Users\ชื่อuser\AppData\Roaming\Python\Python39\Scripts`



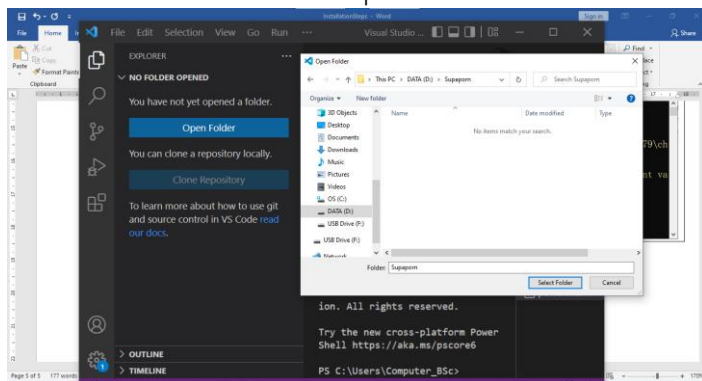
```
C:\Users\Computer_BSc>webdrivermanager chrome
Downloading WebDriver for browser: "chrome"
6355kb [00:02, 2778.68kb/s]
Driver binary downloaded to: "C:\Users\Computer_BSc\AppData\Local\rasjani\WebDriverManager\chrome\104.0.5112.79\chromedriver_win32\chromedriver.exe"
Driver copied to: C:\Users\Computer_BSc\AppData\Local\rasjani\WebDriverManager\bin\chromedriver.exe
WARNING: Path "C:\Users\Computer_BSc\AppData\Local\rasjani\WebDriverManager\bin" is not in the PATH environment variable.

C:\Users\Computer_BSc>
```

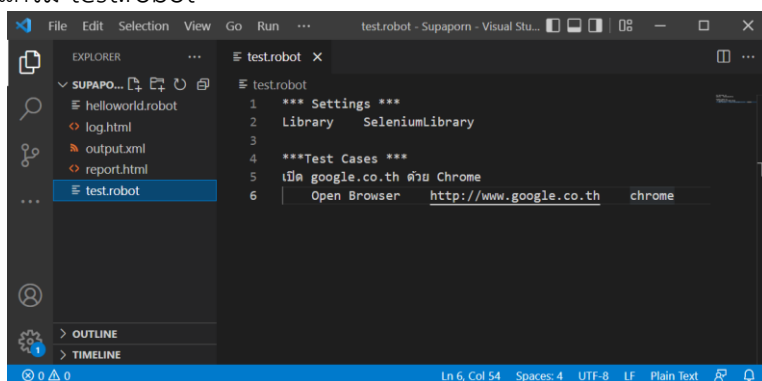
9. ติดตั้ง webdrivermanager ของ chrome โดยใช้คำสั่ง `webdrivermanager chrome -linkpath C:\Users\ชื่อuser\AppData\Roaming\Python\Python39\Scripts`
> `webdrivermanager chrome -linkpath C:\Users\ชื่อuser\AppData\Roaming\Python\Python39\Scripts`

ทดสอบใช้งาน

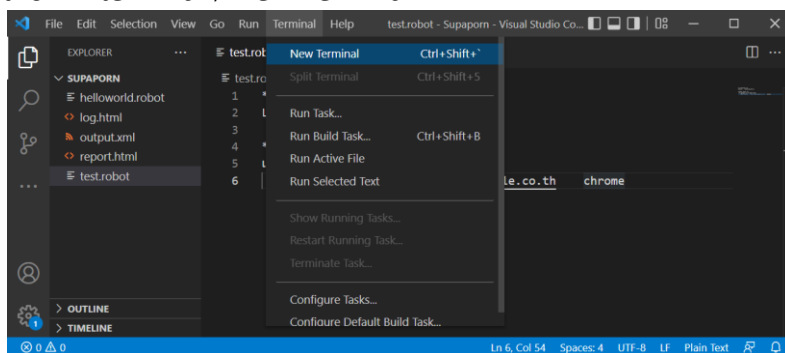
เปิดโปรแกรม Visual Studio Code / Open Folder



เปิดโปรแกรม test.robot



Run python ที่ terminal / New Terminal



ทดสอบการทำงาน โดยใช้คำสั่ง robot test.robot

>robot test.robot

