

RobotFramework-SeleniumLibrary installation

Document version: 1.0

Created by: Thanitta T.

---

# USER GUIDE

Robot Framework - SeleniumLibrary Tool installation

## Section#1: Python installation

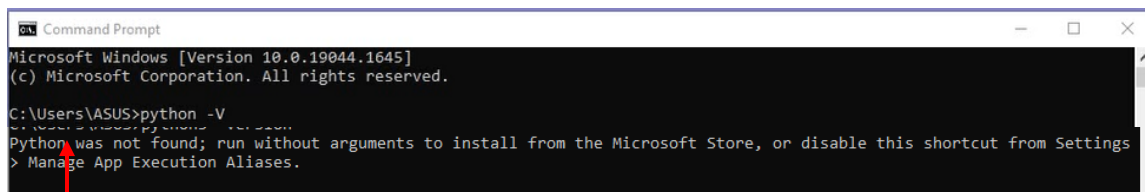
### Step 1.1: checking python version on your device

1. Click “start”
2. Select/Type “cmd” to open command prompt
3. Type command to check python installation:

3.1 Command for checking python existed

`py --version` or `py -v`

`python --version` or `python -v`

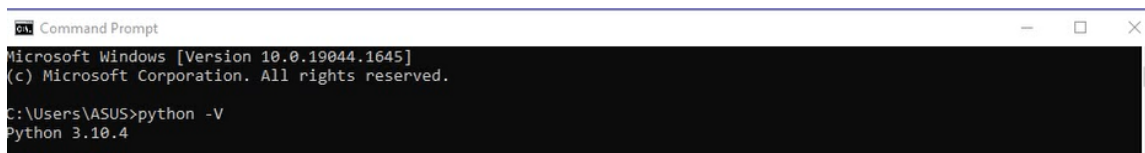


```
Command Prompt
Microsoft Windows [Version 10.0.19044.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS>python -V
Python was not found; run without arguments to install from the Microsoft Store, or disable this shortcut from Settings
> Manage App Execution Aliases.
```

“Python was not found”

-In this case, python already installed on your device and then, you can skip to Step 1.2: Python-download and install



```
Command Prompt
Microsoft Windows [Version 10.0.19044.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS>python -V
Python 3.10.4
```

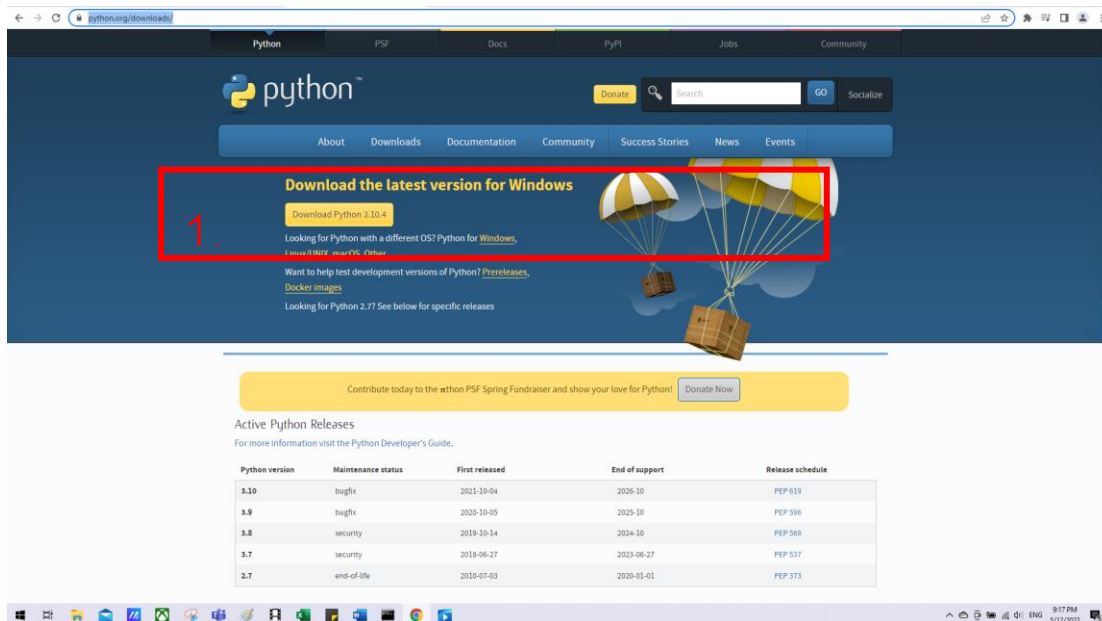
“Python version 3.10.4”

-In this case, python already installed on your device and then, you can skip to [Section#2: SeleniumLibrary installation](#)

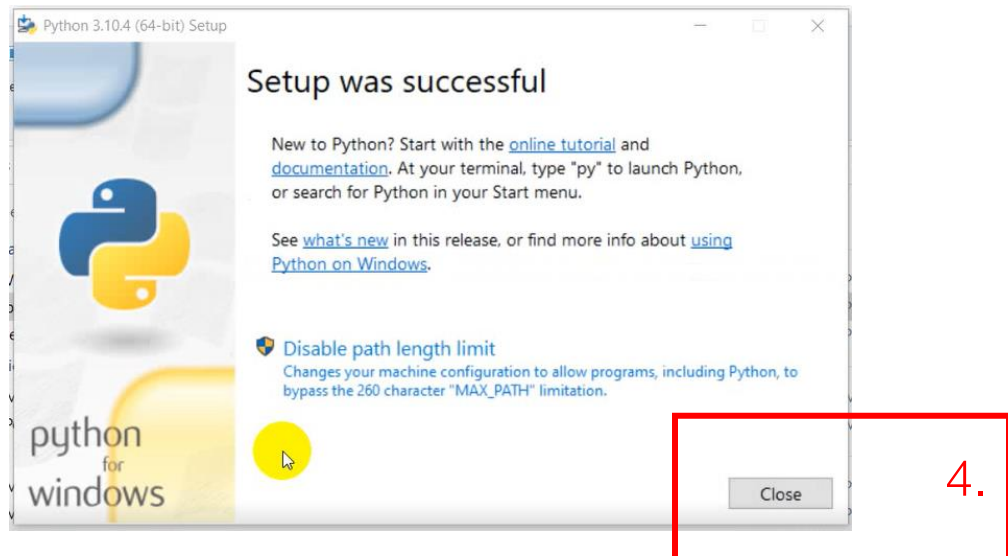
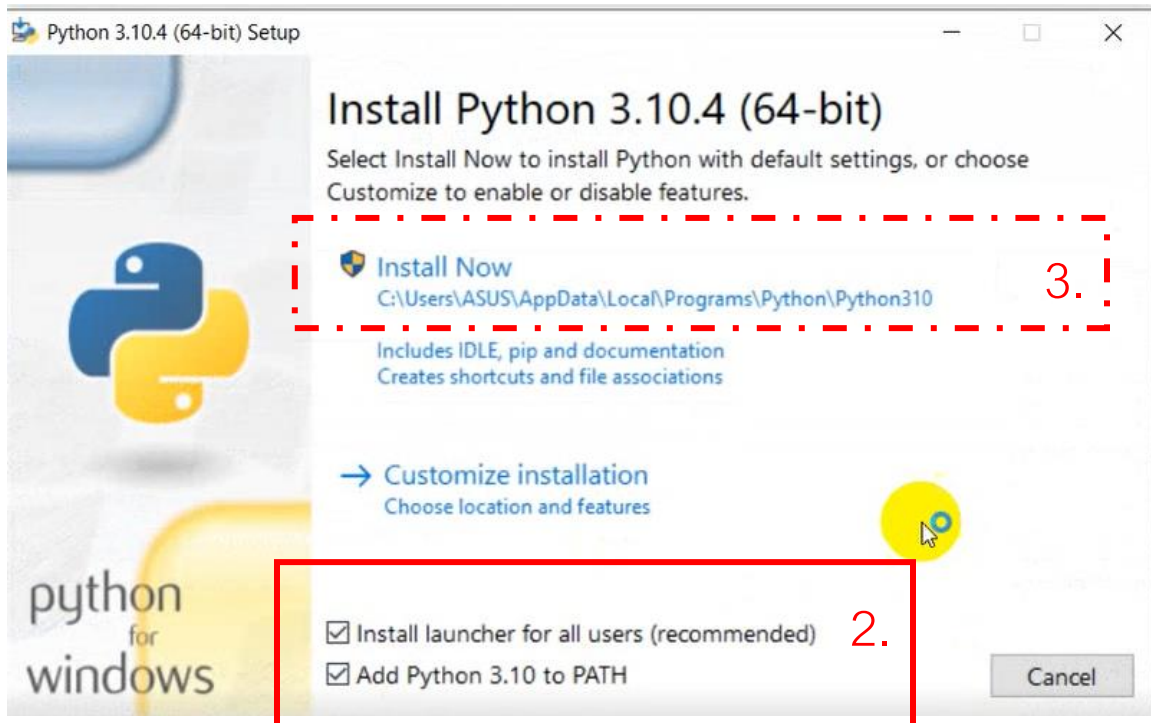
## Step 1.2: Python-download and install

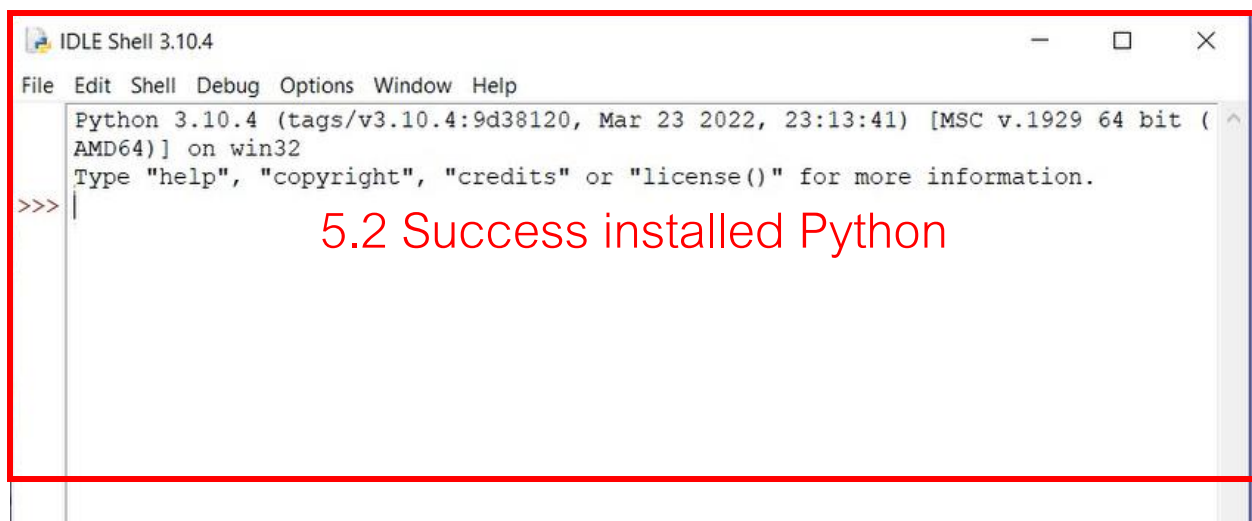
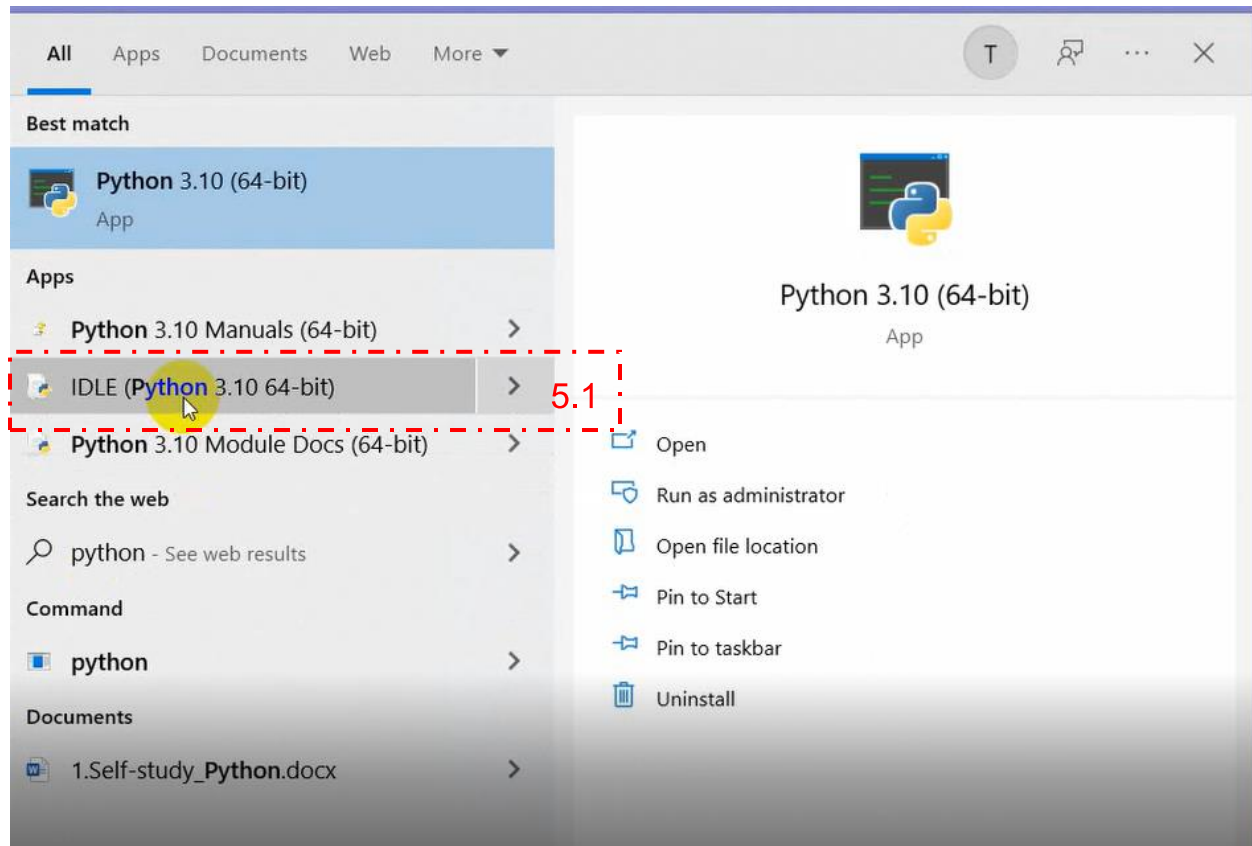
### 1.Go to website and download python

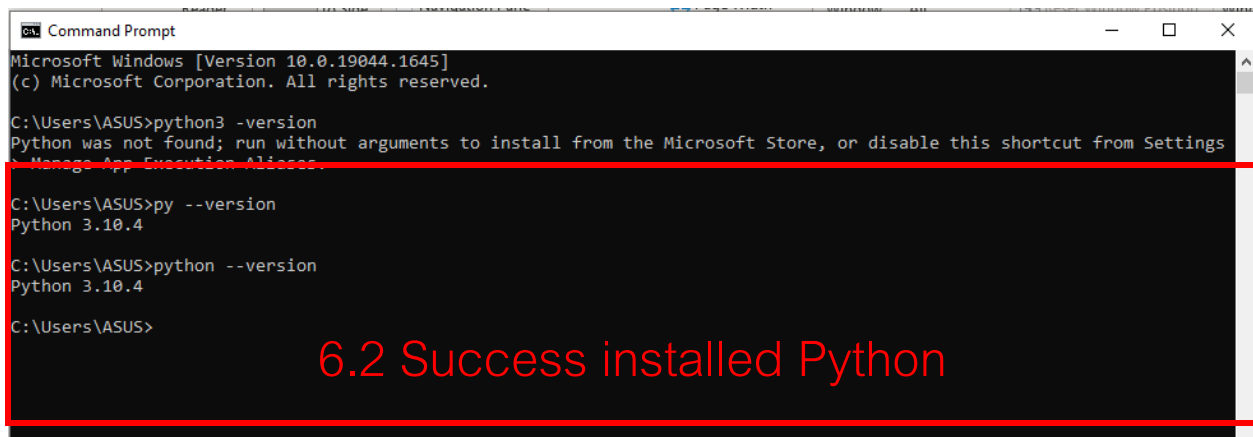
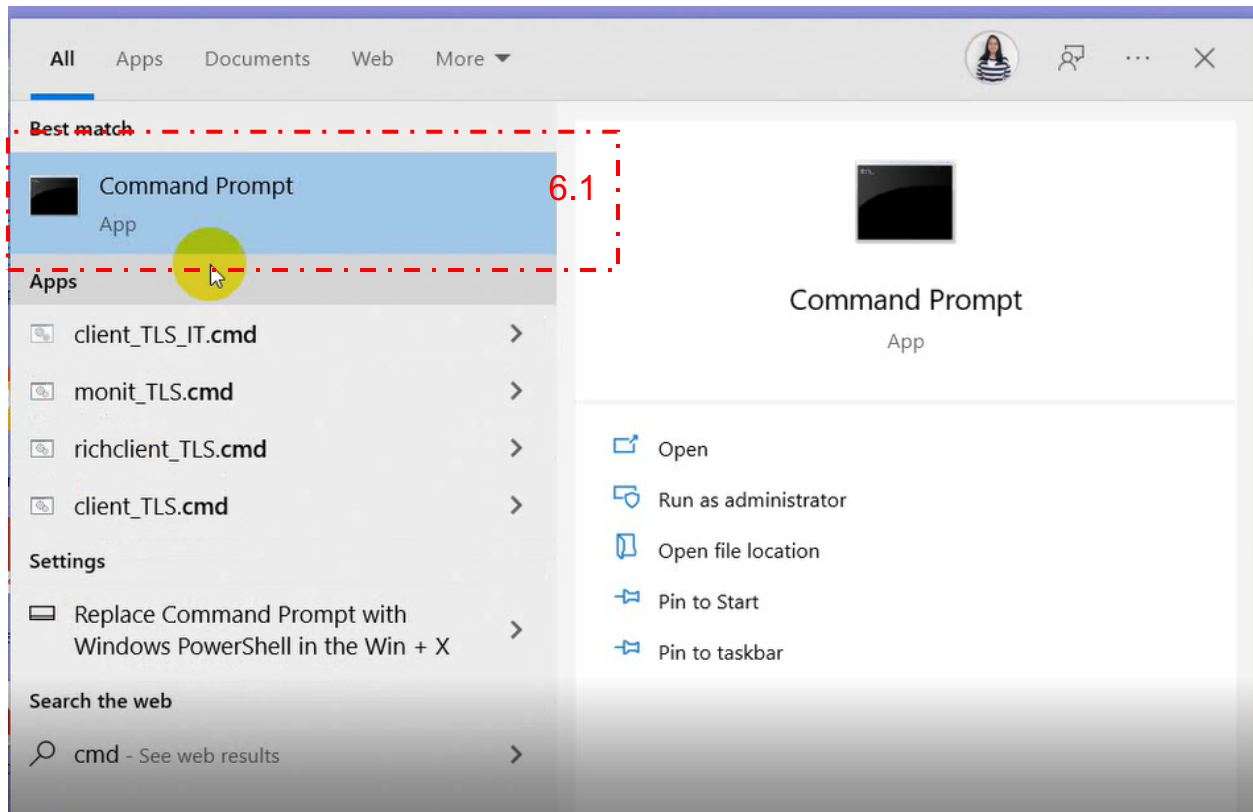
URL: <https://www.python.org/downloads/>



## 2. Open download file and install







## Section#2: SeleniumLibrary installation

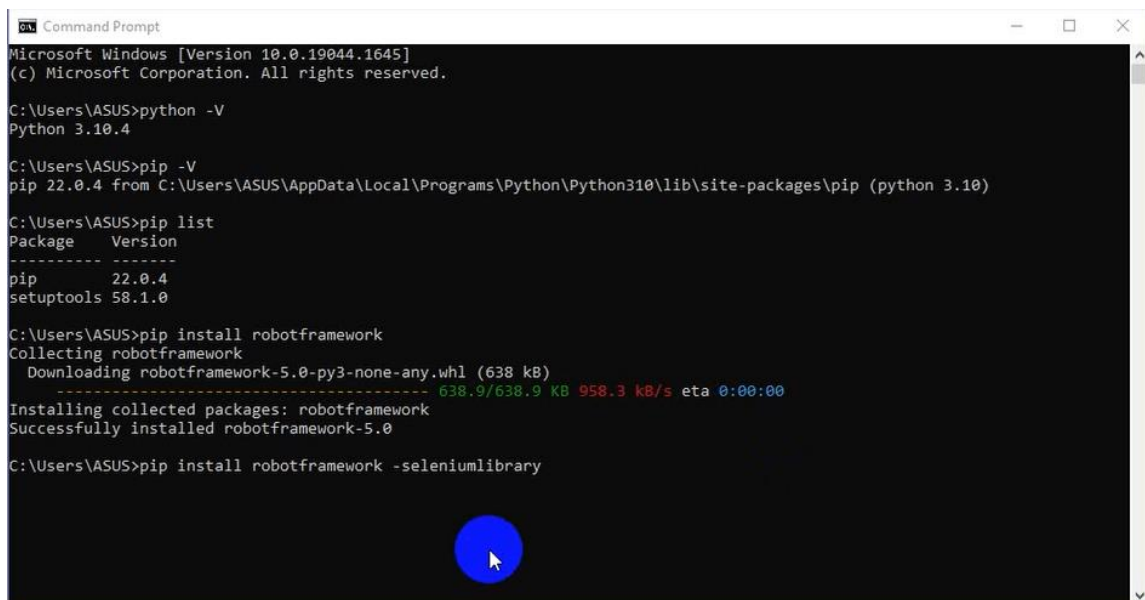
### Step 2.1: checking SeleniumLibrary on your device

1. Click "start"
2. Select/Type "cmd" to open command prompt
3. Type command to check pip installation after installed python on your device

py - -version or py -v

pip -v

pip list



```
Microsoft Windows [Version 10.0.19044.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS>python -V
Python 3.10.4

C:\Users\ASUS>pip -V
pip 22.0.4 from C:\Users\ASUS\AppData\Local\Programs\Python\Python310\lib\site-packages\pip (python 3.10)

C:\Users\ASUS>pip list
Package      Version
-----
pip          22.0.4
setuptools   58.1.0

C:\Users\ASUS>pip install robotframework
Collecting robotframework
  Downloading robotframework-5.0-py3-none-any.whl (638 kB)
    ----- 638.9/638.9 KB 958.3 kB/s eta 0:00:00
Installing collected packages: robotframework
Successfully installed robotframework-5.0

C:\Users\ASUS>pip install robotframework -seleniumlibrary
```

#### 4.Type command to install robotframework:

```
pip install robotframework
```

#### 5.Type command to install robotframework seleniumLibrary:

```
pip install robotframework-seleniumLibrary
```

```
C:\Users\ASUS>pip install robotframework-seleniumLibrary
Collecting robotframework-seleniumLibrary
  Downloading robotframework_seleniumlibrary-6.0.0-py2.py3-none-any.whl (95 kB)
----- 63.1/63.1 KB 100.0 KB/s eta 0:00:00
Collecting selenium==4.0.0
  Downloading selenium-4.1.3-py3-none-any.whl (968 kB)
----- 63.1/63.1 KB 2.1 MB/s eta 0:00:00
Requirement already satisfied: robotframework>3.2.2 in c:\users\asus\appdata\local\programs\python\python310\lib\site-packages (from robotframework-seleniumLibrary) (5.0)
Collecting robotframework-pythonlibcore>2.2.1
  Downloading robotframework_pythonlibcore-3.0.0-py2.py3-none-any.whl (9.9 kB)
Collecting urllib3[secure,socks]>=1.26
  Downloading urllib3-1.26.9-py2.py3-none-any.whl (120 kB)
----- 119.0/119.0 KB 0.0 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==0.27
  Downloading trio-0.20.0-py3-none-any.whl (359 kB)
----- 359.0/359.0 KB 205.0 KB/s eta 0:00:00
Collecting outcome
  Downloading outcome-1.1.0-py2.py3-none-any.whl (9.7 kB)
Collecting sniffio
  Downloading sniffio-1.2.0-py3-none-any.whl (10 kB)
Collecting sortedcontainers
  Downloading sortedcontainers-2.4.0-py3-none-any.whl (29 kB)
Collecting idna
  Downloading idna-3.3-py3-none-any.whl (61 kB)
----- 41.2/41.2 KB 3.4 MB/s eta 0:00:00
Collecting attrs>=19.2.0
  Downloading attrs-21.4.0-py2.py3-none-any.whl (60 kB)
----- 60.0/60.0 KB 1.3 MB/s eta 0:00:00
Collecting async-generator>=1.9
  Downloading async_generator-1.10-py3-none-any.whl (18 kB)
Collecting cffi>=1.14
  Downloading cffi-1.15.0-cp310-cp310-win_amd64.whl (180 kB)
----- 180.0/180.0 KB 3.4 MB/s eta 0:00:00
Collecting wsproto>=0.14
  Downloading wsproto-1.1.0-py3-none-any.whl (24 kB)
Collecting PySocks>=1.7.2<2.0,!=1.6
  Downloading PySocks-1.7.1-py3-none-any.whl (16 kB)
Collecting pyOpenSSL>=0.14
  Downloading pyOpenSSL-22.0.0-py2.py3-none-any.whl (55 kB)
----- 55.0/55.0 KB 970.1 KB/s eta 0:00:00
Collecting cryptography>=3.2
  Downloading cryptography-37.0.1-h11-0.13.0 idna-3.3 outcome-1.1.0 pyOpenSSL-22.0.0 pycparser-2.21 robotframework-pythonlibcore-3.0.0 robotframework-seleniumLibrary-6.0.0 selenium-4.1.3 sniffio-1.2.0 sortedcontainers-2.4.0 trio-0.20.0 trio-websocket-0.9.2 urllib3-1.26.9 wsproto-1.1.0
----- 110.7/110.7 KB 906.0 KB/s eta 0:00:00
Collecting h11>=0.9.0
  Downloading h11-0.13.0-py3-none-any.whl (58 kB)
----- 58.0/58.0 KB 1.0 MB/s eta 0:00:00
Installing collected packages: sortedcontainers, certifi, urllib3, sniffio, robotframework-pythonlibcore, PySocks, pycparser, idna, h11, attrs, async-generator, wsproto, outcome, cffi, trio, cryptography, trio-websocket, pyOpenSSL, selenium, robotframework-seleniumLibrary
Successfully installed PySocks-1.7.1 async-generator-1.10 attrs-21.4.0 certifi-2021.10.8 cffi-1.15.0 cryptography-37.0.1 h11-0.13.0 idna-3.3 outcome-1.1.0 pyOpenSSL-22.0.0 pycparser-2.21 robotframework-pythonlibcore-3.0.0 robotframework-seleniumLibrary-6.0.0 selenium-4.1.3 sniffio-1.2.0 sortedcontainers-2.4.0 trio-0.20.0 trio-websocket-0.9.2 urllib3-1.26.9 wsproto-1.1.0
```

#### 6.Type command to install robotframework seleniumLibrary:

```
pip install robotframework-request
```

```
C:\Users\ASUS>pip install robotframework-requests
Collecting robotframework-requests
  Downloading robotframework_requests-0.9.2-py3-none-any.whl (20 kB)
Requirement already satisfied: robotframework in c:\users\asus\appdata\local\programs\python\python310\lib\site-packages (from robotframework-requests) (5.0)
Collecting requests
  Downloading requests-2.27.1-py2.py3-none-any.whl (63 kB)
----- 63.1/63.1 KB 1.1 MB/s eta 0:00:00
Collecting charset-normalizer==2.0.0
  Downloading charset_normalizer-2.0.12-py3-none-any.whl (39 kB)
Requirement already satisfied: certifi>2017.4.17 in c:\users\asus\appdata\local\programs\python\python310\lib\site-packages (from requests->robotframework-requests) (2021.10.8)
Requirement already satisfied: idna<4,>=2.5 in c:\users\asus\appdata\local\programs\python\python310\lib\site-packages (from requests->robotframework-requests) (3.3)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\asus\appdata\local\programs\python\python310\lib\site-packages (from requests->robotframework-requests) (1.26.9)
Installing collected packages: charset-normalizer, requests, robotframework-requests
Successfully installed charset-normalizer-2.0.12 requests-2.27.1 robotframework-requests-0.9.2

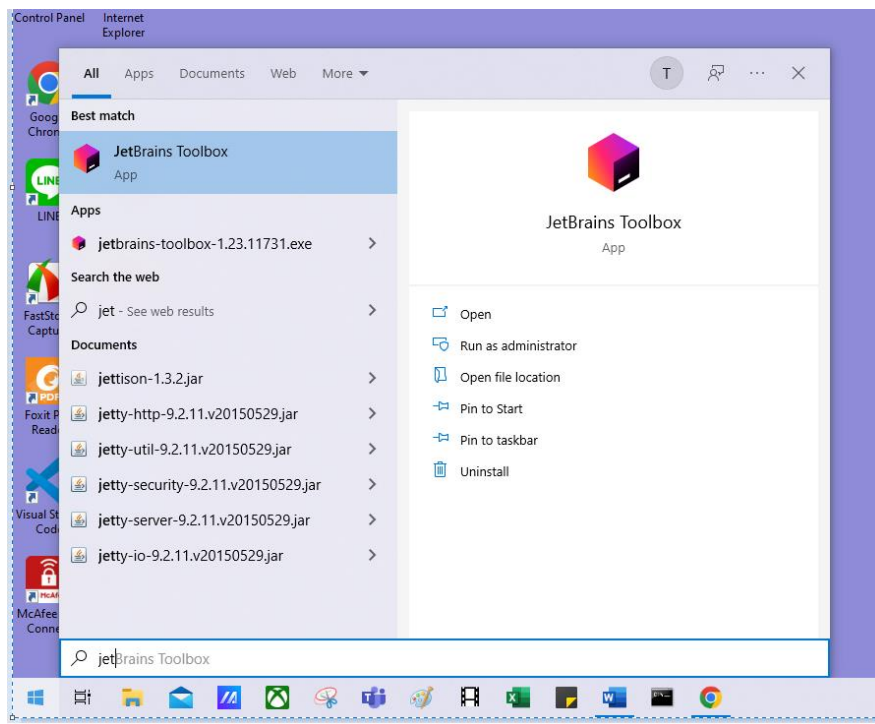
C:\Users\ASUS>
```



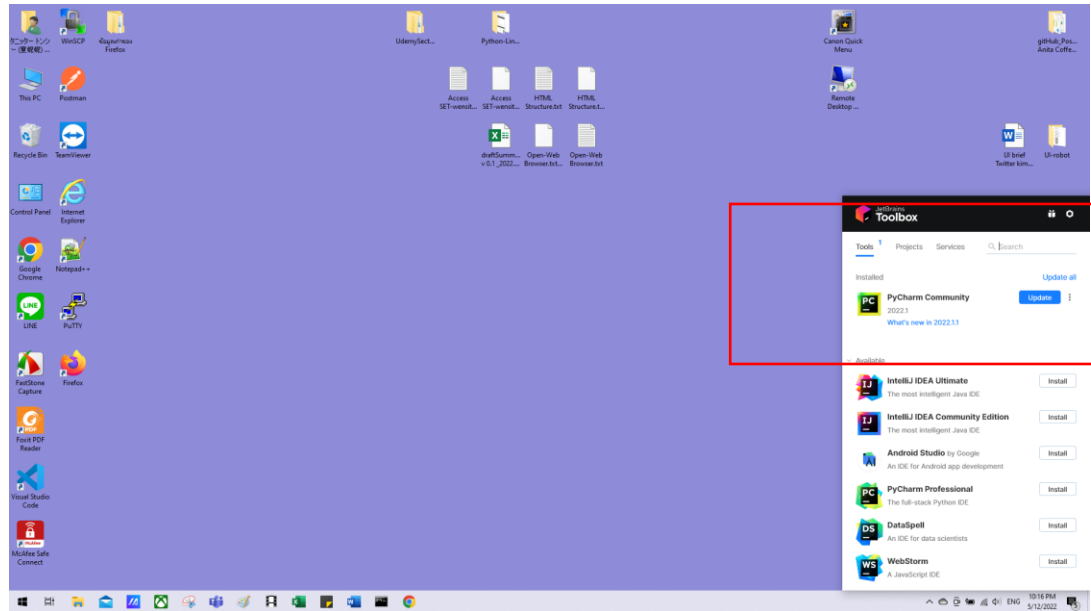
## Section#3: Pycharm Tool installation

### Step 3.1: install Pycharm Tool for robot test execution

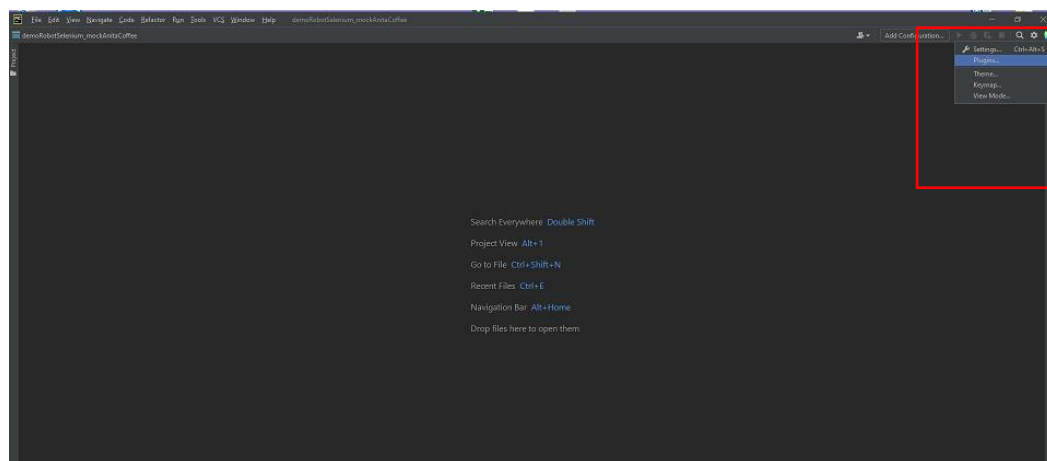
1. Go to URL: <https://www.jetbrains.com/idea/download/#section=windows>
2. Download Tool : **INTELIJ IDEA** from jetbrains
3. Install **Jetbrains Toolbox** on your device
4. click "Start" and search = "Jetbrain" as figure below



## 5. Install Pycharm Community

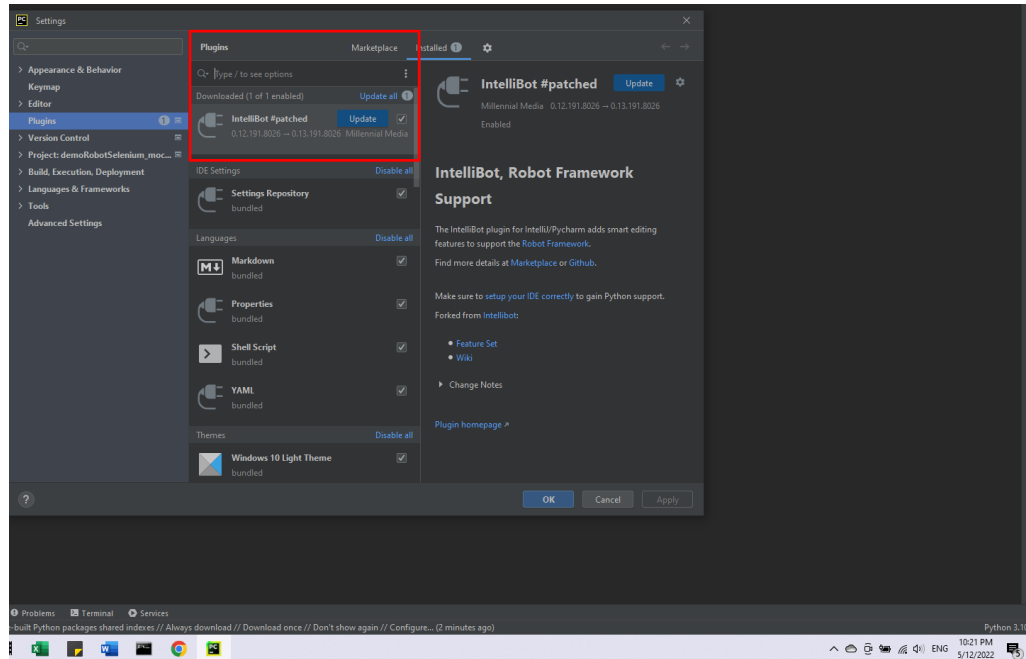


## 6. Open Pycharm and install plug-in for robot automation test



7. Search plug-in and install

Keyword = “IntelliBot” as figure below and click “install” button to install robotframework



\*REMARK: in case of, plug-in IDE Error after install in step#7, you can see how to fix in in APPENDIX

RobotFramework-SeleniumLibrary installation

Document version: 1.0

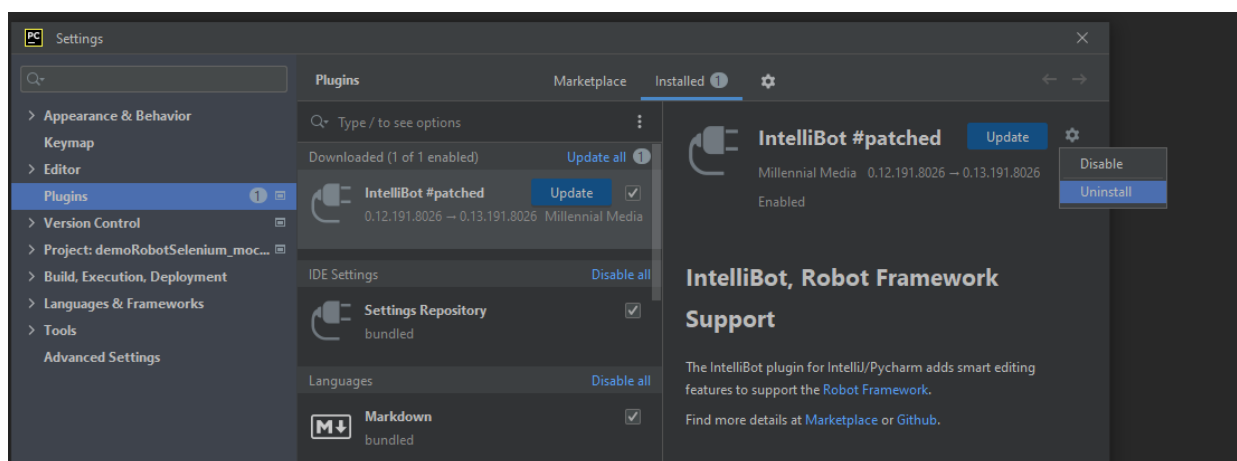
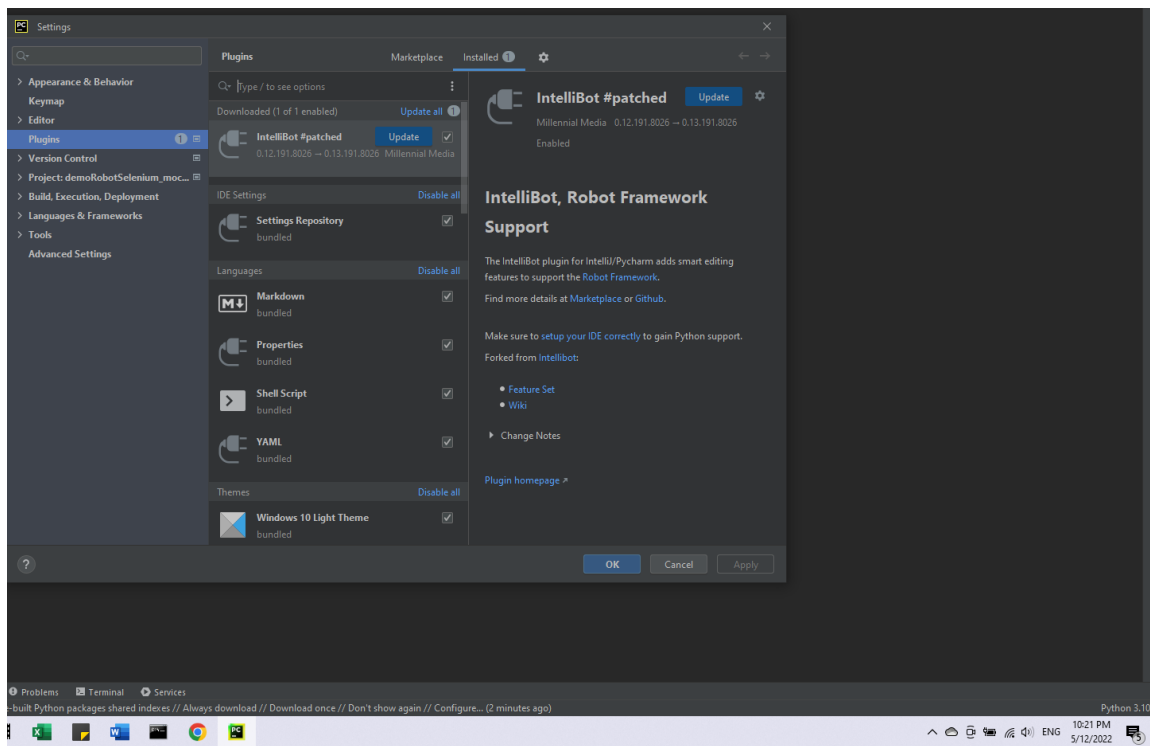
Created by: Thanitta T.

---

# APPENDIX

## APPENDIX#1: Pycharm IDE\_Error plugin

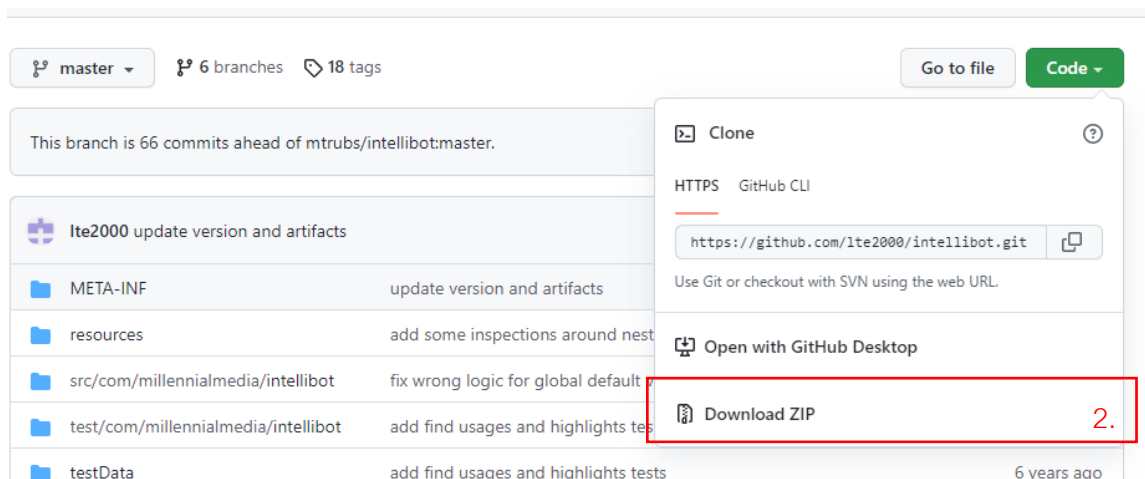
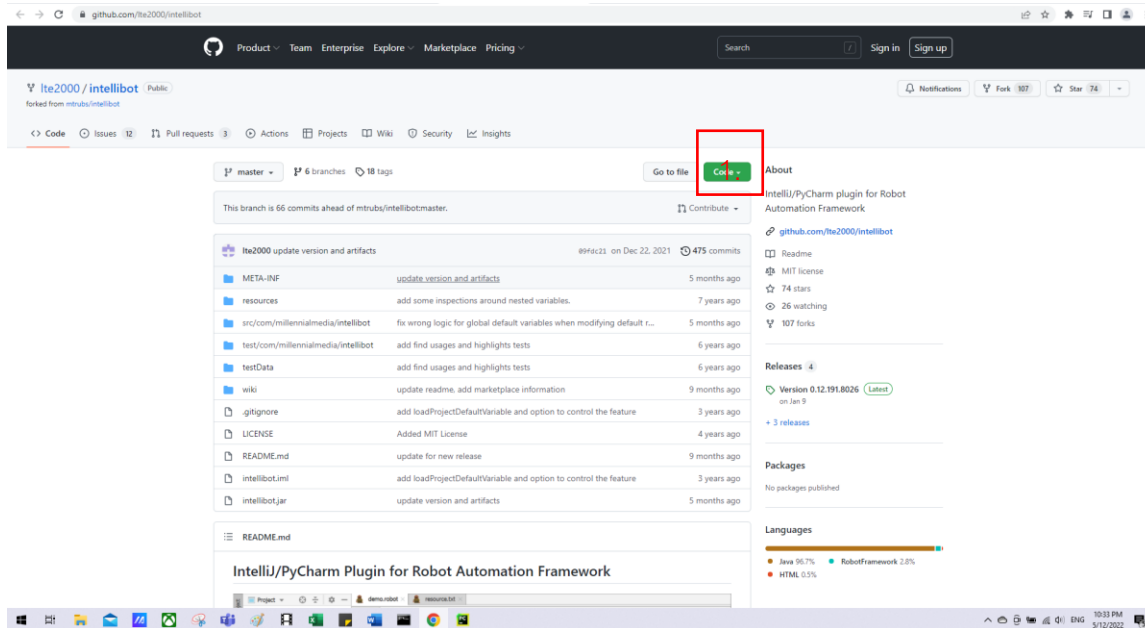
Step#1: Go to uninstall current plug-in



Step#2: Go to github community to download Pycharm plug-in

2.1 URL: <https://github.com/lte2000/intellibot>

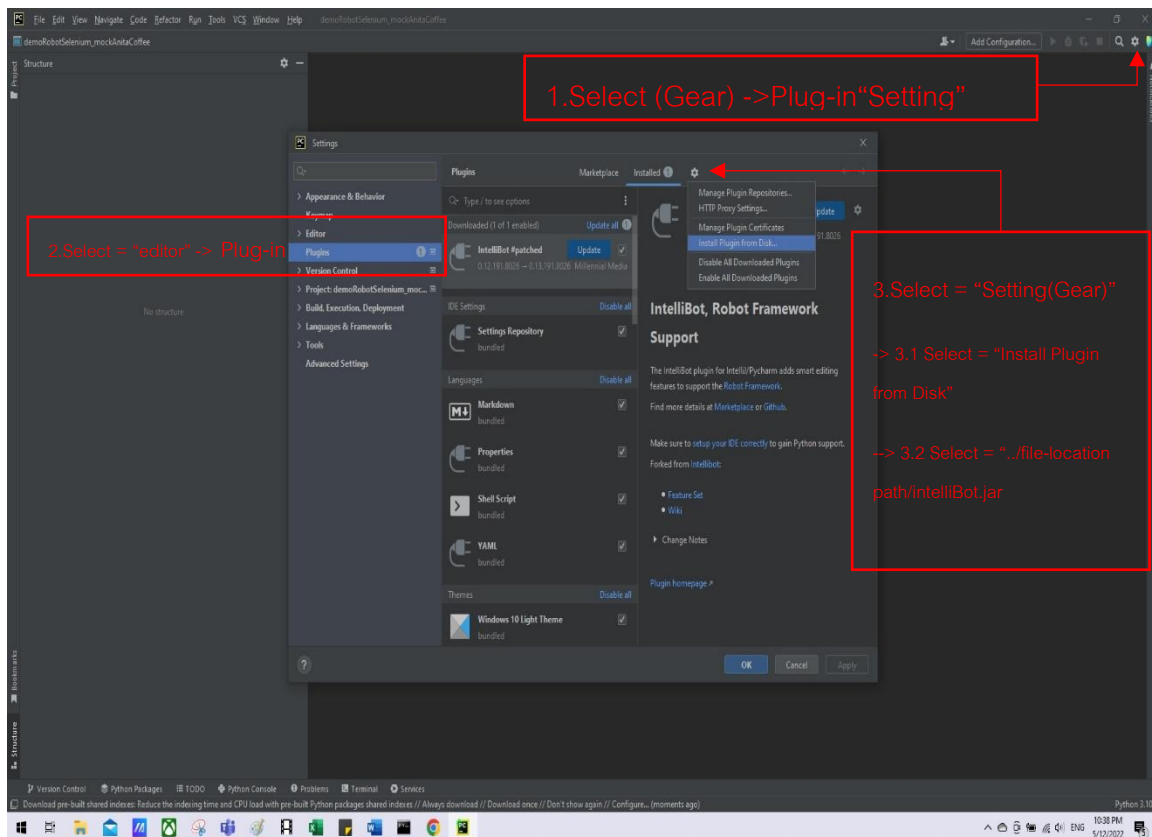
2.2 Select = "Code" -> Download as Zip



### Step#3: install plug-in from local disk

3.1 Open and extract file downloaded from github in previous steps

3.2 open plug-in and select install from disk



3.2 Close and re-open Pycharm

## APPENDIX#2: robot command script

Step#1: Create folder directory before execute

- **RESOURCES** (for TestResource or ther)
- **RESULT** (for TestReport)
- **TESTS** (for TestCase)

Step#2: once finished create Test script .robot you can execute by general command as below:

```
robot -d [Result-Folder] [TestFolder]/TestCaseName.robot
```

Pycharm Terminal:

```
C:\local\USER\ASUS> robot -d RESULT TESTS/Register.robot
```