

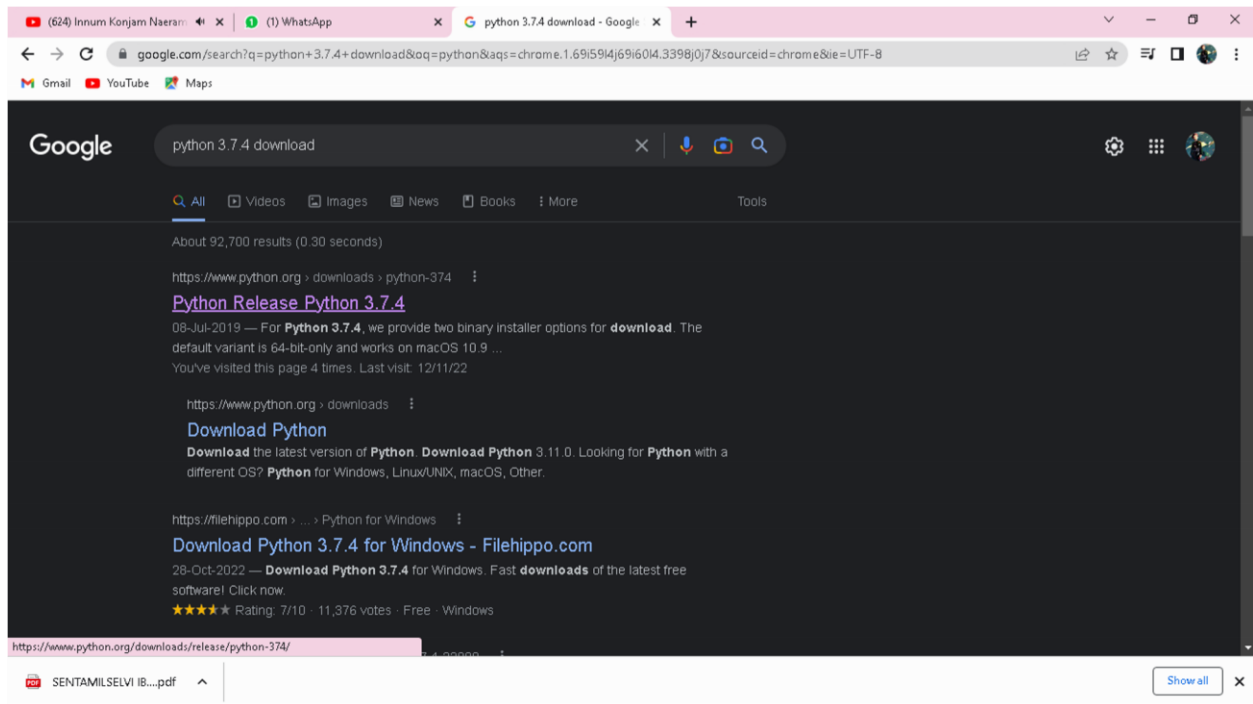
IBM SOFTWARE

Date	19 November 2022
Team ID	PNT2022TMID43116
Project Name	SmartFarming-IOT Enabled SmartFarming Application

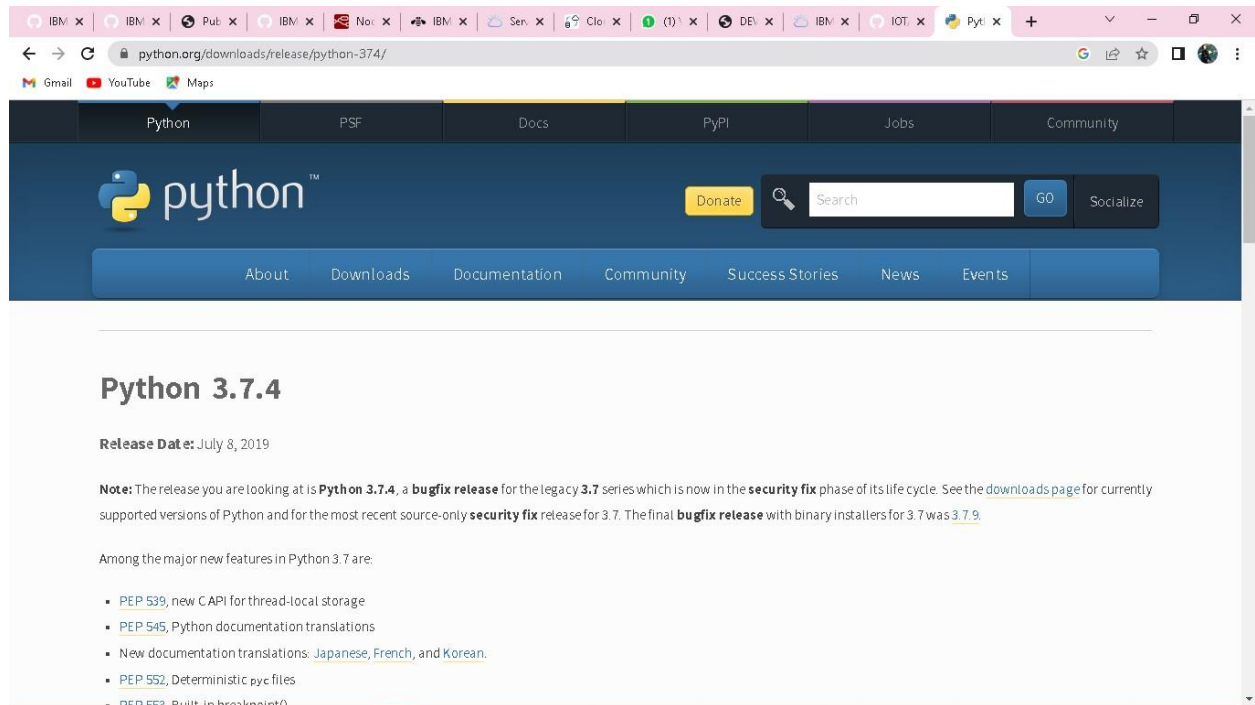
Aim:

To install python version 3.7.4 and IBM Watson IOT platform package

Step 1: Type python in google and click on the first link



Step 2: Click the Python 3.7.4



Step 3: Scroll Down to Reach Files and Click on “Window *86-64 executable installer”

Version	Operating System	Description	MD5 Sum	File Size	PGP
Gzipped source tarball	Source release		68111671e5b2db4aef7b9ab01b0f9be	23017663	SIG
XZ compressed source tarball	Source release		d33e4aae66097051c2eca45ee3604803	17131432	SIG
macOS 64-bit/32-bit installer	macOS	for Mac OS X 10.6 and later	6428b4fa7583daff1a442cba8cee08e6	34898416	SIG
macOS 64-bit installer	macOS	for OS X 10.9 and later	5dd605c38217a45773bf5e4a936b241f	28082845	SIG
Windows help file	Windows		d63999573a2c06b2ac56ca4de6b4f7cd2	8131761	SIG
Windows x86-64 embeddable zip file	Windows	for AMD64/EM64T/x64	9b00c8cf6d9ec0b9abe83184a40729a2	7504391	SIG
Windows x86-64 executable installer	Windows	for AMD64/EM64T/x64	a702b4b0ad76debdb3043a583e563400	26680368	SIG
Windows x86-64 web-based installer	Windows	for AMD64/EM64T/x64	28cb1c608bbd73ae8e53a3bd351b4bd2	1362904	SIG
Windows x86 embeddable zip file	Windows		9fab3b81f8841879fda94133574139d8	6741626	SIG
Windows x86 executable installer	Windows		33cc602942a5446a3d6451476394789	25663848	SIG
Windows x86 web-based installer	Windows		1b670cfa5d317df82c30983ea371d87c	1324608	SIG

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Footer: [python-3.7.4-amd64.exe](#) [Python script.pdf](#) [Show all](#)

Step 4: Click on the install button

Python 3.7.4 (64-bit) Setup

Install Python 3.7.4 (64-bit)

Select **Install Now** to install Python with default settings, or choose **Customize** to enable or disable features.

→ **Install Now**
 C:\Users\ELCOT\AppData\Local\Programs\Python\Python37
 Includes IDLE, pip and documentation
 Creates shortcuts and file associations

→ **Customize installation**
 Choose location and features

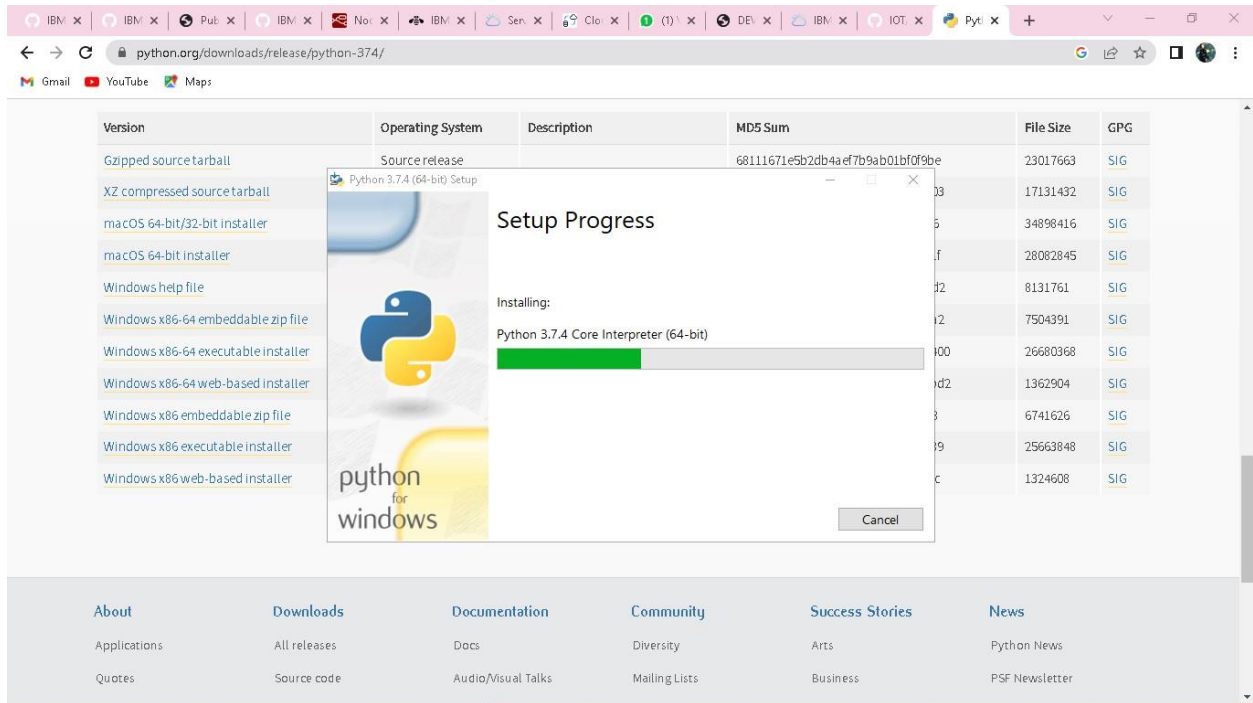
☐ Install launcher for all users (recommended)
☒ Add Python 3.7 to PATH

[Cancel](#)

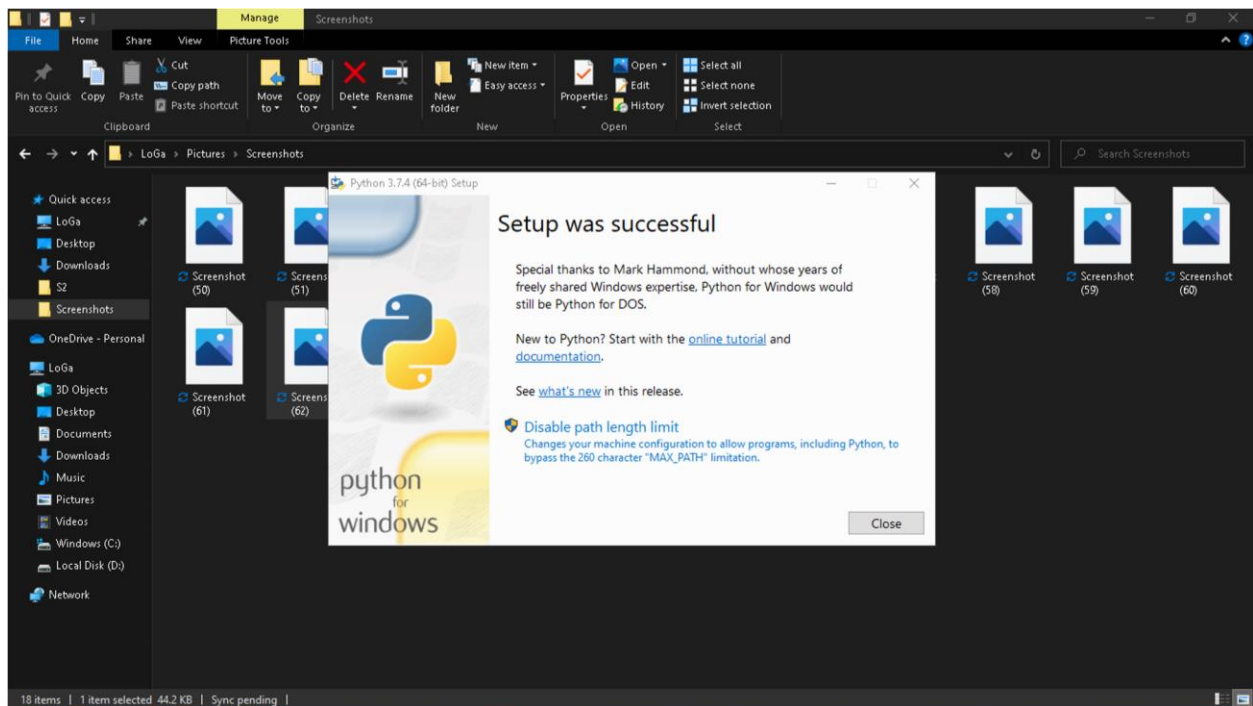
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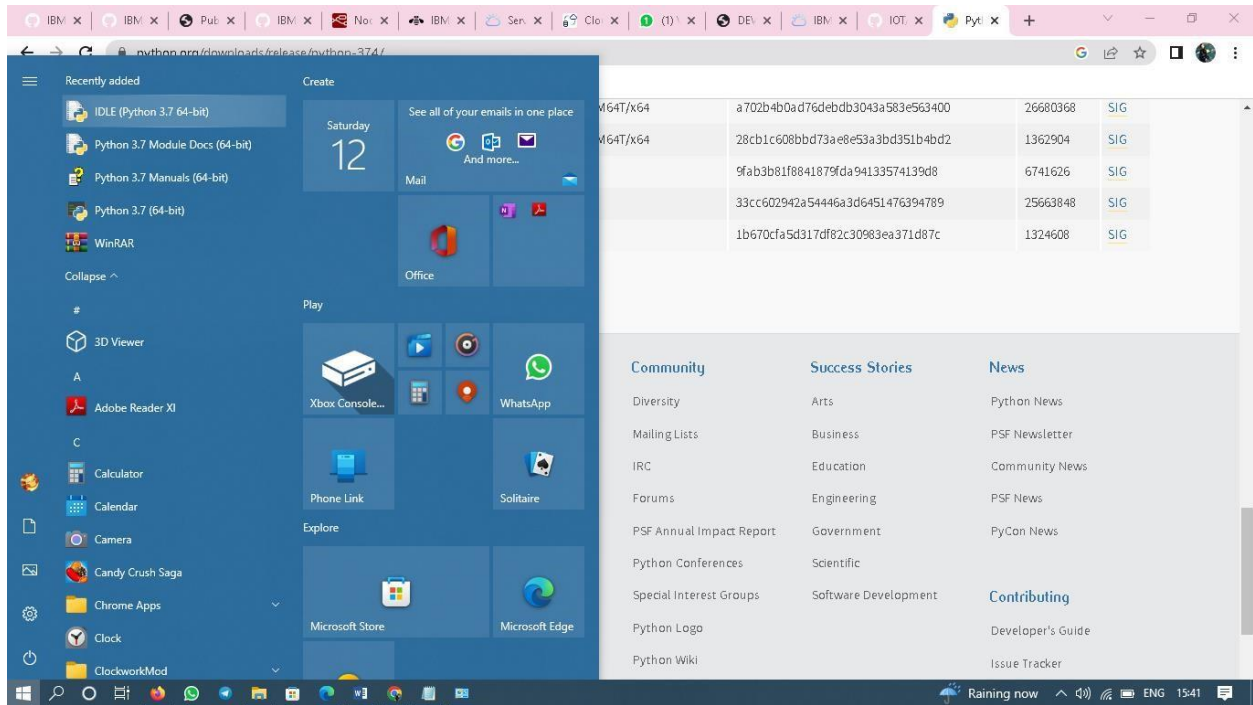
Step 5: Installation on Progress



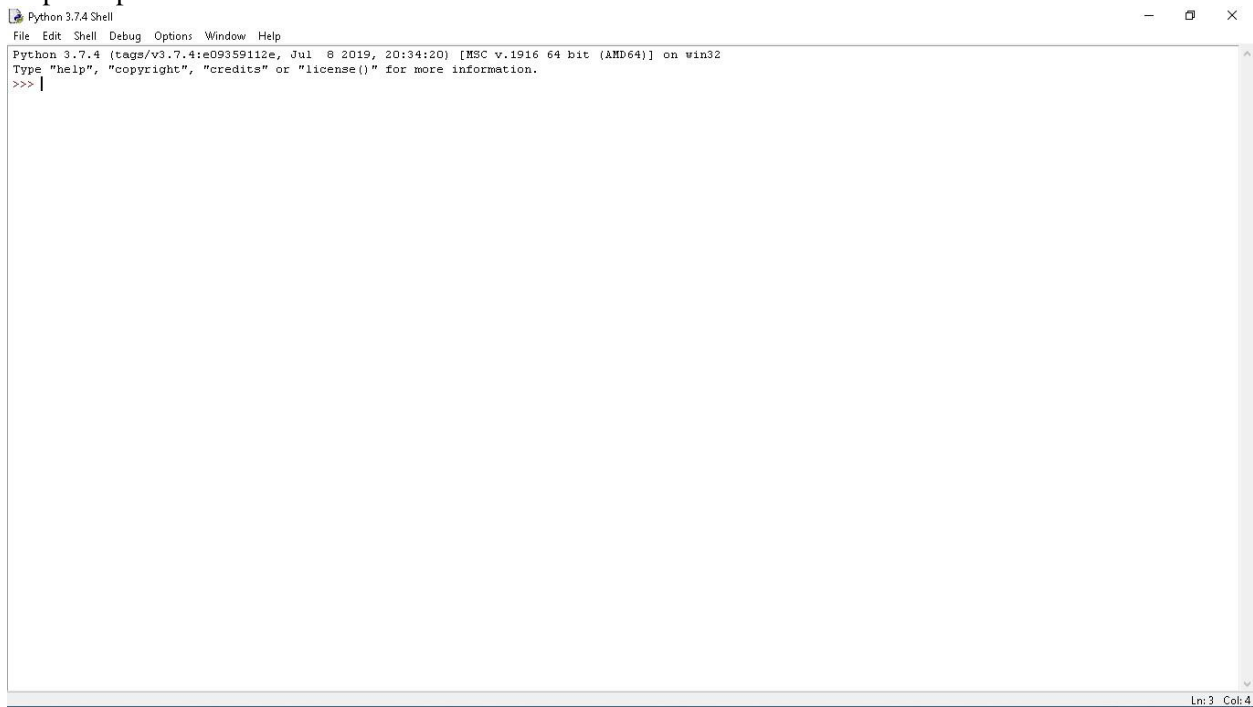
Step 6: Close the Button



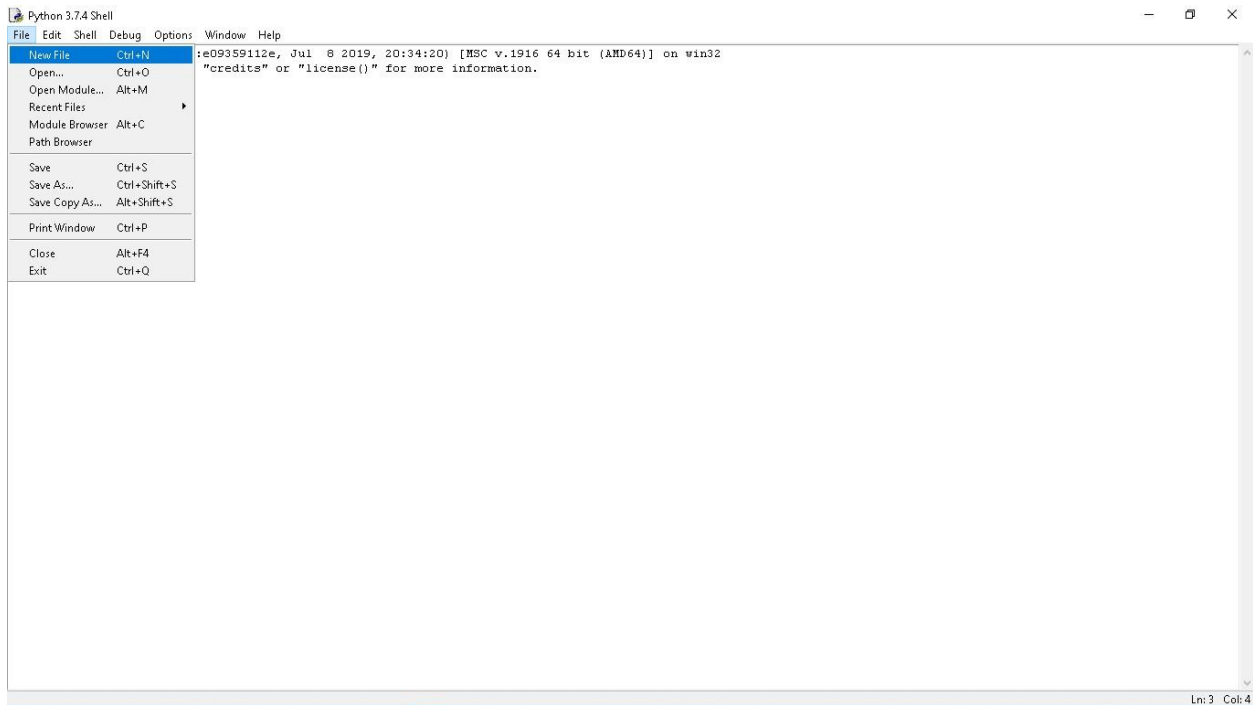
Step 7: Search IDLE



Step 8: Open it



Step 9: Go to File Click on New File



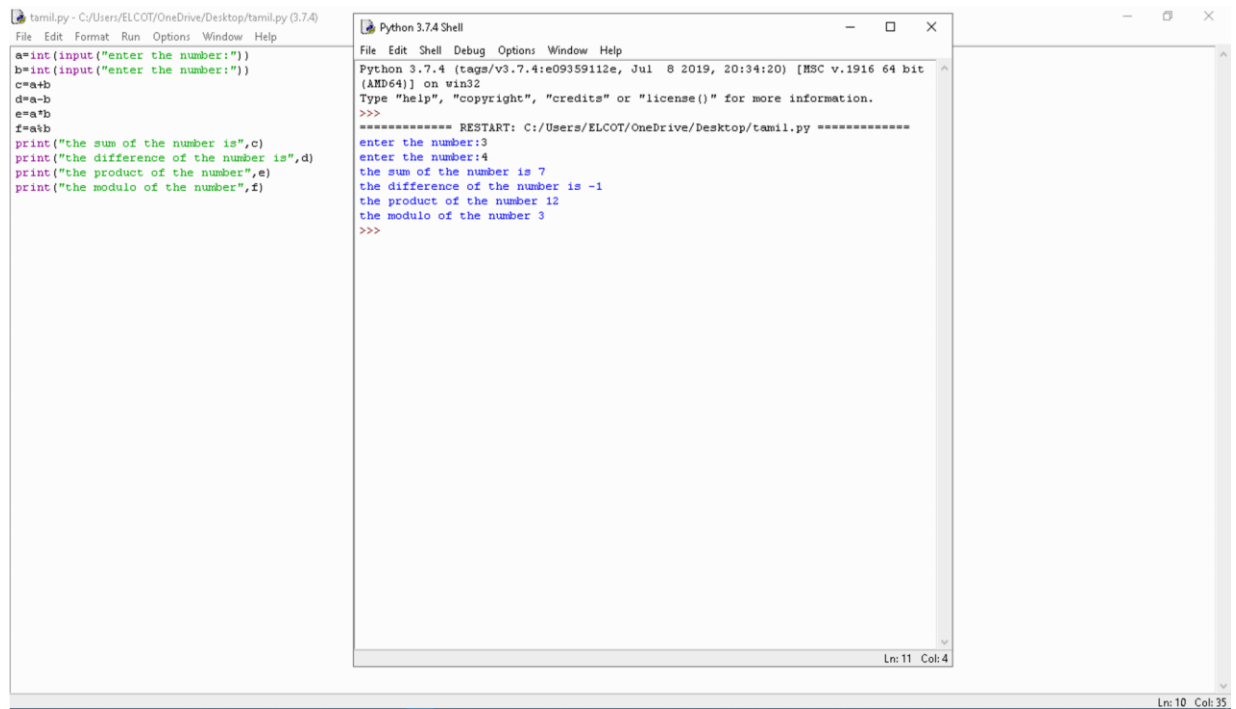
Step 10: Now Install the IBM Watson IOT Platform Package Through Command Prompt

```

C:\Users\ELCOT>pip install wiotp-sdk
Defaulting to user installation because normal site-packages is not writeable
WARNING: Retrying (Retry(total=4, connect=None, read=None, redirect=None, status=None)) after connection broken by 'NewConnectionError(<pip._vendor.urllib3.connection.HTTPSConnection object at 0x000001BCA695C7D0>: Failed to establish a new connection: [Errno 11001] getaddrinfo failed)': /simple/wiotp-sdk/
Collecting wiotp-sdk
  Downloading wiotp-sdk-0.11.0.tar.gz (96 kB)
    ----- 96.2/96.2 kB 1.1 MB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Collecting iso8601>=0.1.12
  Downloading iso8601-1.1.0-py3-none-any.whl (9.9 kB)
Collecting pytz>=2018.9
  Downloading pytz-2022.6-py2.py3-none-any.whl (498 kB)
    ----- 498.1/498.1 kB 844.0 kB/s eta 0:00:00
Collecting pyyaml>=3.13
  Downloading PyYAML-6.0-cp311-cp311-win_amd64.whl (143 kB)
    ----- 143.2/143.2 kB 942.8 kB/s eta 0:00:00
Collecting paho-mqtt>=1.5.0
  Downloading paho-mqtt-1.6.1.tar.gz (99 kB)
    ----- 99.4/99.4 kB 474.1 kB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Collecting requests>=2.21.0
  Downloading requests-2.28.1-py3-none-any.whl (62 kB)
    ----- 62.8/62.8 kB 420.8 kB/s eta 0:00:00
Collecting requests_toolbelt>=0.8.0
  Downloading requests_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)
    ----- 54.5/54.5 kB 354.3 kB/s eta 0:00:00
Collecting charset-normalizer<3,>=2

```

Step 11: Then a text program was compiled successfully



```
tamil.py - C:/Users/ELCOT/OneDrive/Desktop/tamil.py (3.7.4)
File Edit Format Run Options Window Help

a=int(input("enter the number:"))
b=int(input("enter the number:"))
c=a+b
d=a-b
e=a*b
f=a/b
print("the sum of the number is",c)
print("the difference of the number is",d)
print("the product of the number",e)
print("the modulo of the number",f)

Python 3.7.4 Shell
File Edit Shell Debug Options Window Help

Python 3.7.4 (tags/v3.7.4:09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ELCOT/OneDrive/Desktop/tamil.py =====
enter the number:3
enter the number:4
the sum of the number is 7
the difference of the number is -1
the product of the number 12
the modulo of the number 3
>>>
```

RESULT:

The python version 3.7.4 and IBM Watson IOT platform package are installed successfully