

IBM Software Assignment

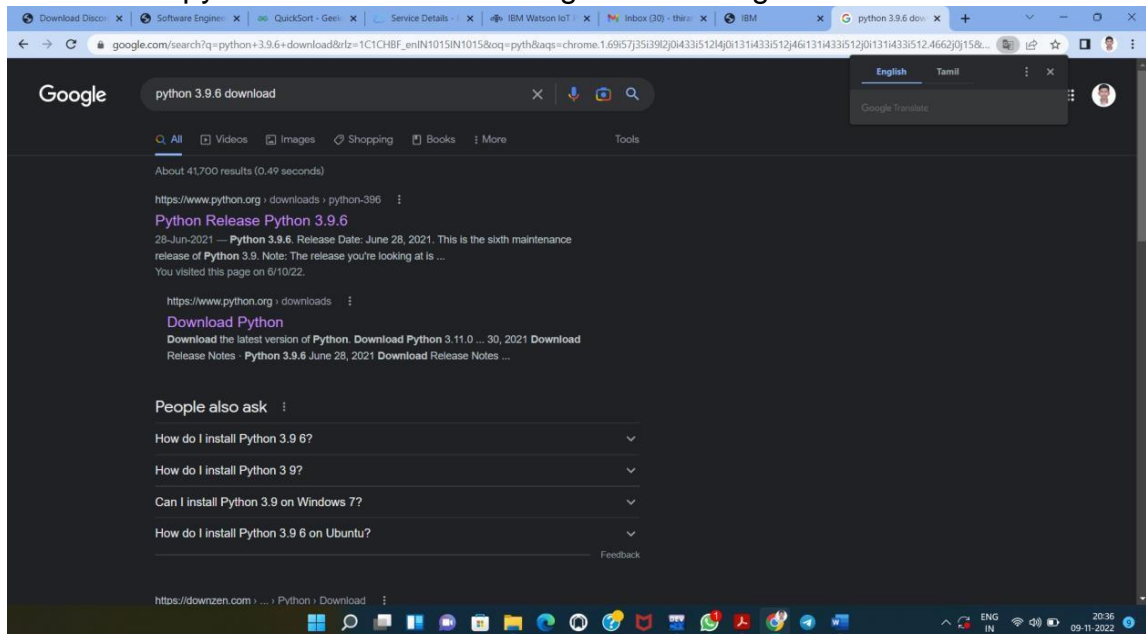
Date	09 November 2022
Team ID	PNT2022TMID42278
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IOT
Maximum marks	4 Marks

AIM:

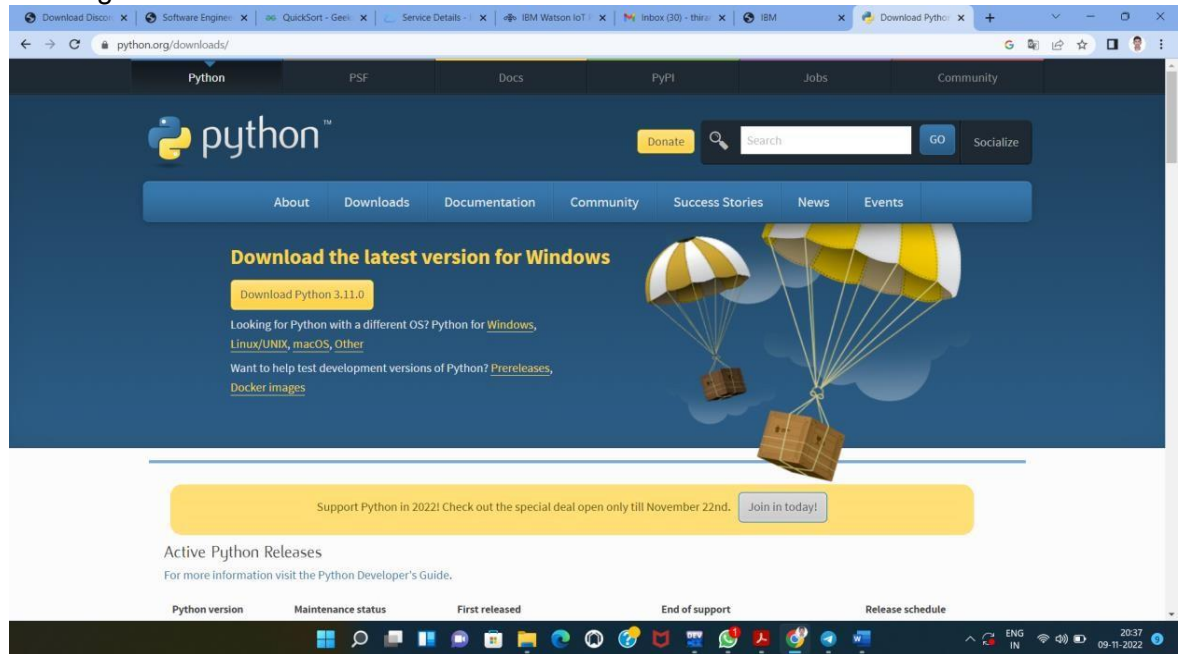
To install python version 3.9.6 and IBM Watson IOT platform packages in python.

Steps:

1. Search for python for windows in Google search engine.

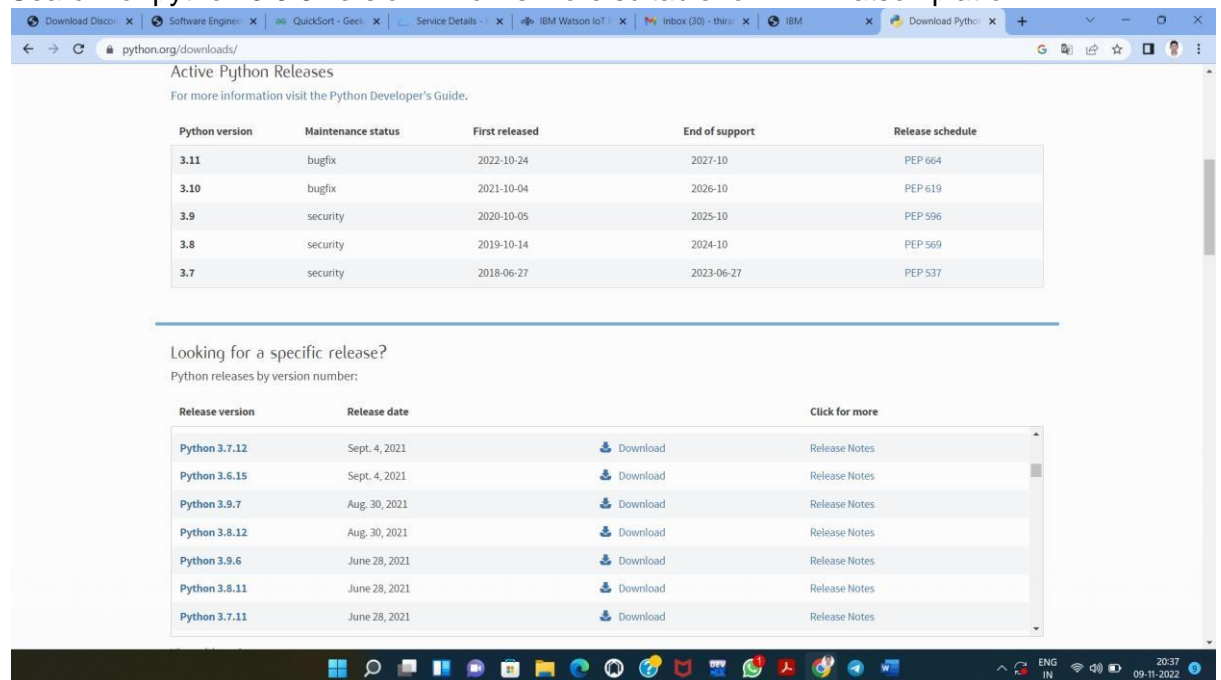


2. Clicking on the shown link

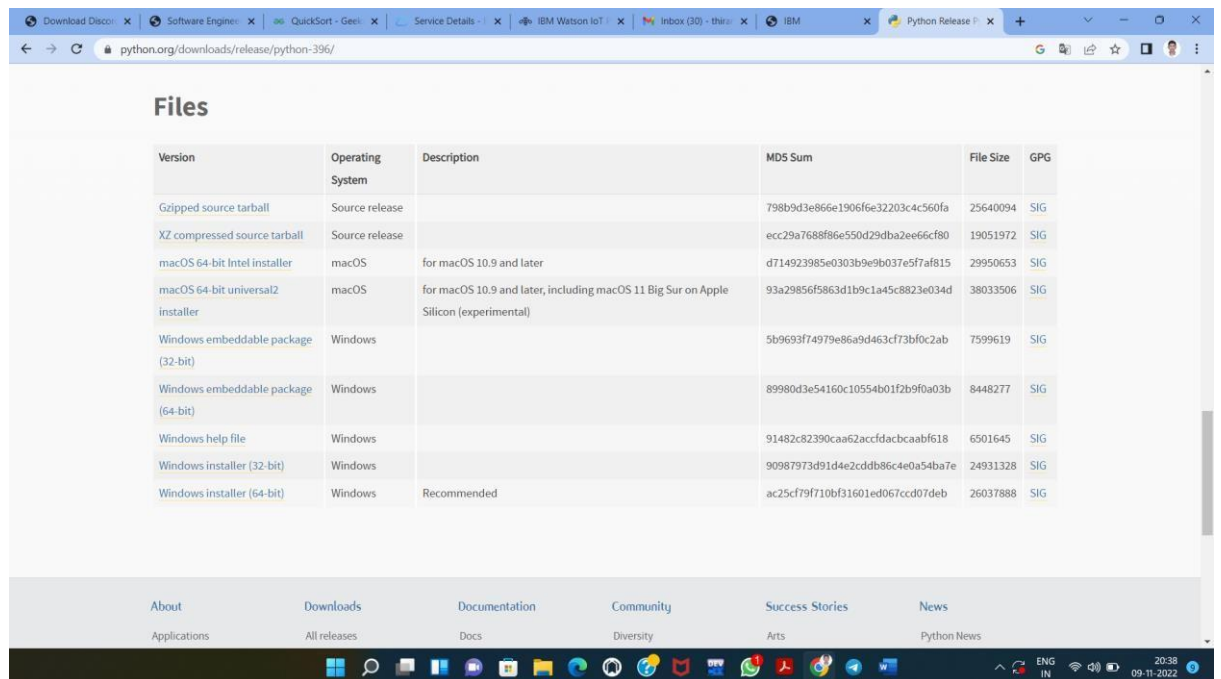


will direct you to this page.

3. Search for python 3.9.6 version which is more suitable for IBM Watson platform.



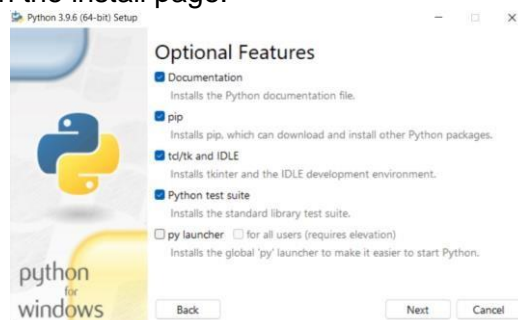
- Click the python version 3.9.6 and download the windows installer (64 bit).-



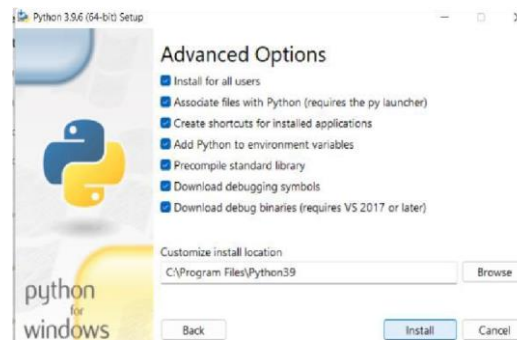
- Install python 3.9.6 (64-bit) page will open.



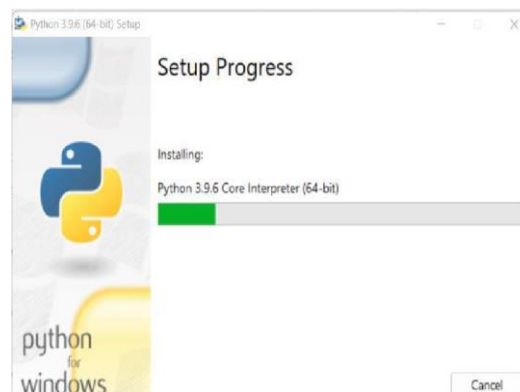
- Click the next option in the install page.



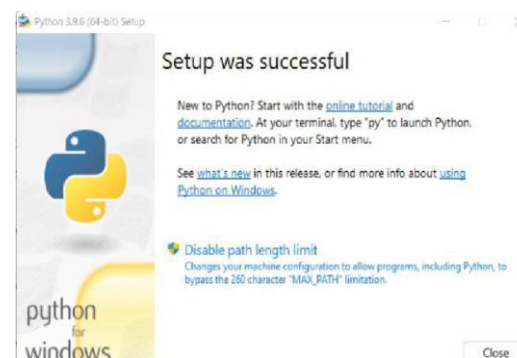
7. Click all the options and install the app.



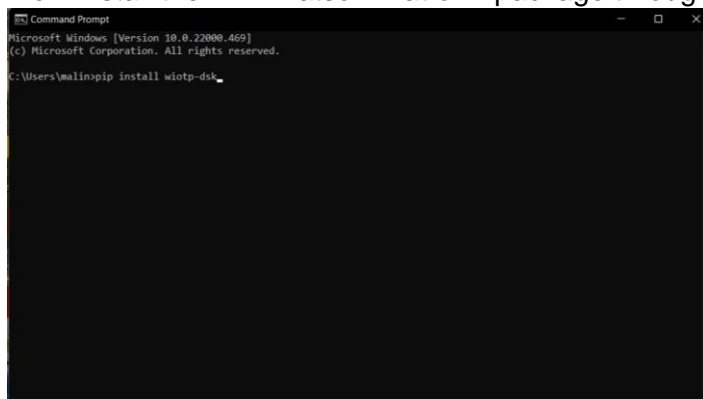
8. Set up process will begin after you give install option.



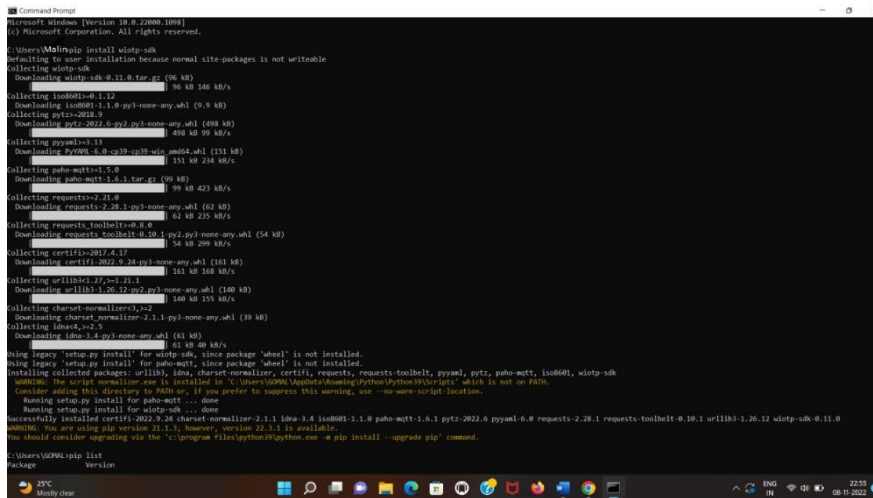
9. Python 3.9.6 version is downloaded successfully.



10. Now install the IBM Watson Platform package through command prompt.



11. package installed successfully



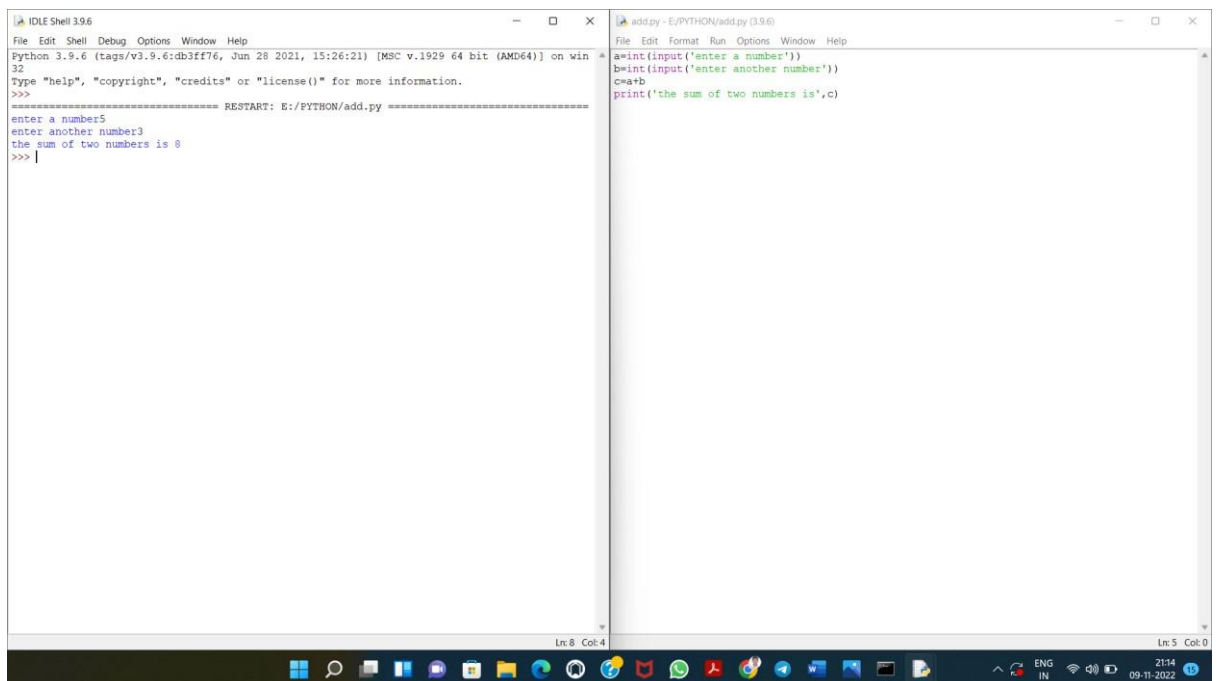
```
Microsoft Windows [Version 10.0.22000.1000]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Matin> pip install wattp-sdk

Collecting wattp-sdk
  Downloading wattp-sdk-0.11.0.tar.gz (96 kB)
    Collecting iso8601<1.1.0,py3-none-any.whl (9.9 kB)
    Collecting pytz<2022.0,py3-none-any.whl (498 kB)
    Collecting pyyaml<6.0,py3-none-any.whl (131 kB)
    Collecting paho-mqtt<2.0,py3-none-any.whl (140 kB)
    Collecting requests-toolbelt<0.10.1,py3-none-any.whl (54 kB)
    Collecting requests<2.28.1,py3-none-any.whl (62 kB)
    Collecting charset-normalizer<3.0.0,py3-none-any.whl (75 kB)
    Collecting certifi<2022.0.28,py3-none-any.whl (181 kB)
    Collecting urllib3<1.26.12,py3-none-any.whl (140 kB)
    Collecting idna<3.4,py3-none-any.whl (61 kB)
Installing collected packages: urllib3, idna, charset-normalizer, certifi, requests, requests-toolbelt, pyyaml, pytz, paho-mqtt, iso8601, wattp-sdk
Successfully installed certifi-2022.0.28 charset-normalizer-2.1.1 idna-3.4 iso8601-1.1.0 paho-mqtt-1.6.1 pytz-2022.0 pyyaml-6.0 requests-2.28.1 requests-toolbelt-0.10.1 urllib3-1.26.12 wattp-sdk-0.11.0
WARNING: You are using pip version 21.1.3, however version 22.1.1 is available.
You should consider upgrading via the 'C:\Program Files\Python39\python.exe -m pip install --upgrade pip' command.

C:\Users\Matin> pip list
Package Version
-----
pip 21.1.3
```

12. Then a text program was compiled successfully



```
IDLE Shell 3.9.6
File Edit Shell Debug Options Window Help
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\PYTHON\add.py =====
>>>
enter a number: 5
enter another number: 3
the sum of two numbers is: 8
>>>
```

RESULT:

The python version 3.9.6 and IBM Watson IoT platform package are installed successfully.