

## IBM Software Assignment

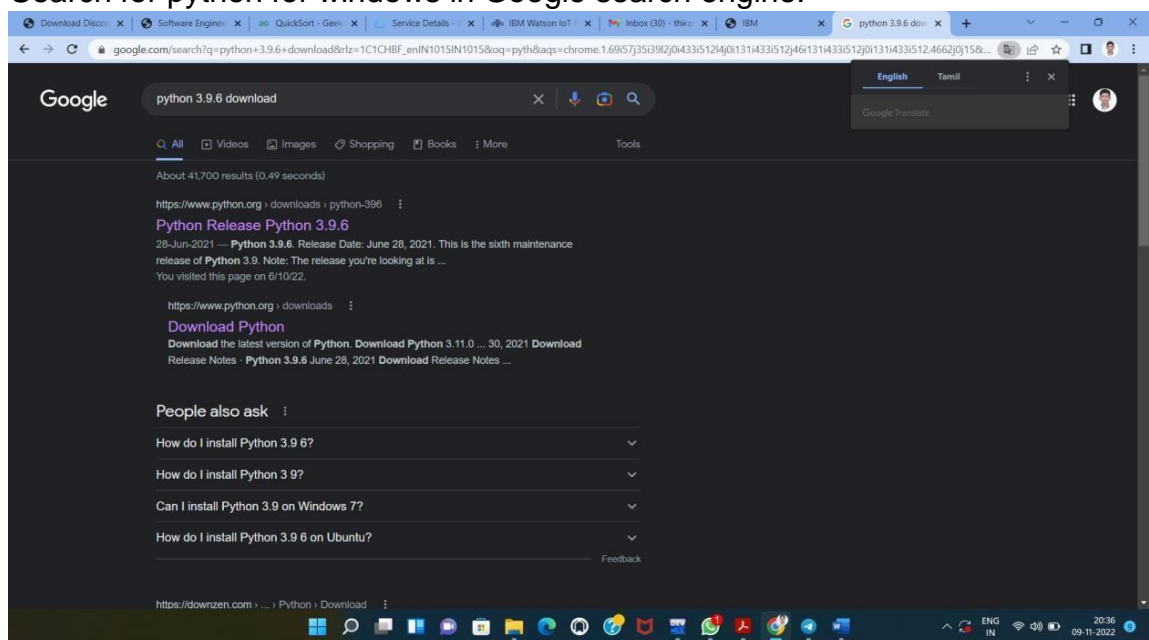
Date	09 November 2022
Team ID	PNT2022TMID09904
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IOT
Maximum marks	4 Marks

AIM:

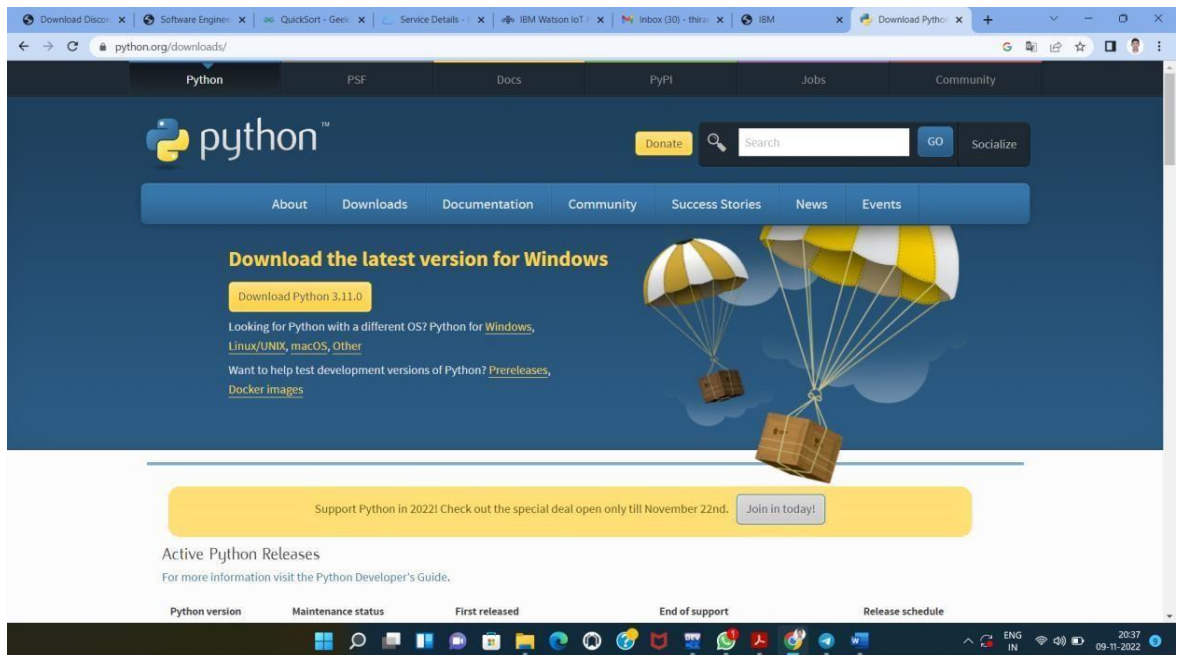
To install python version 3.9.6 and IBM Watson IOT platform packages in python.

Steps:

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

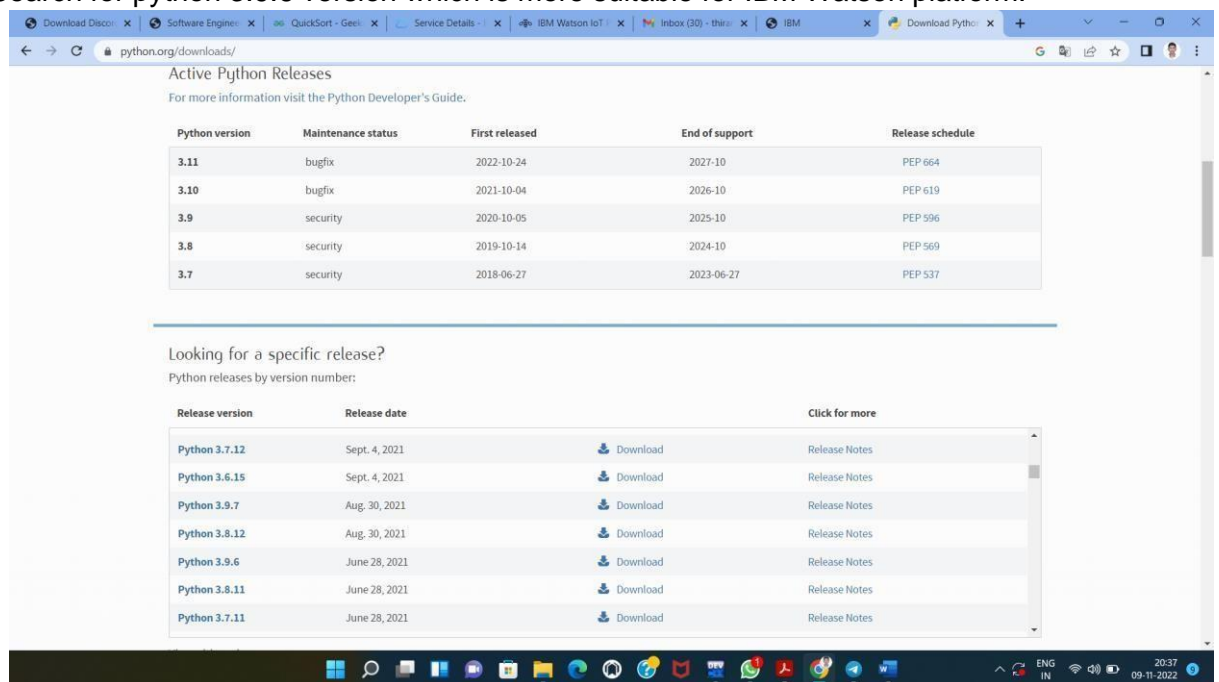


2. Clicking on the shown link

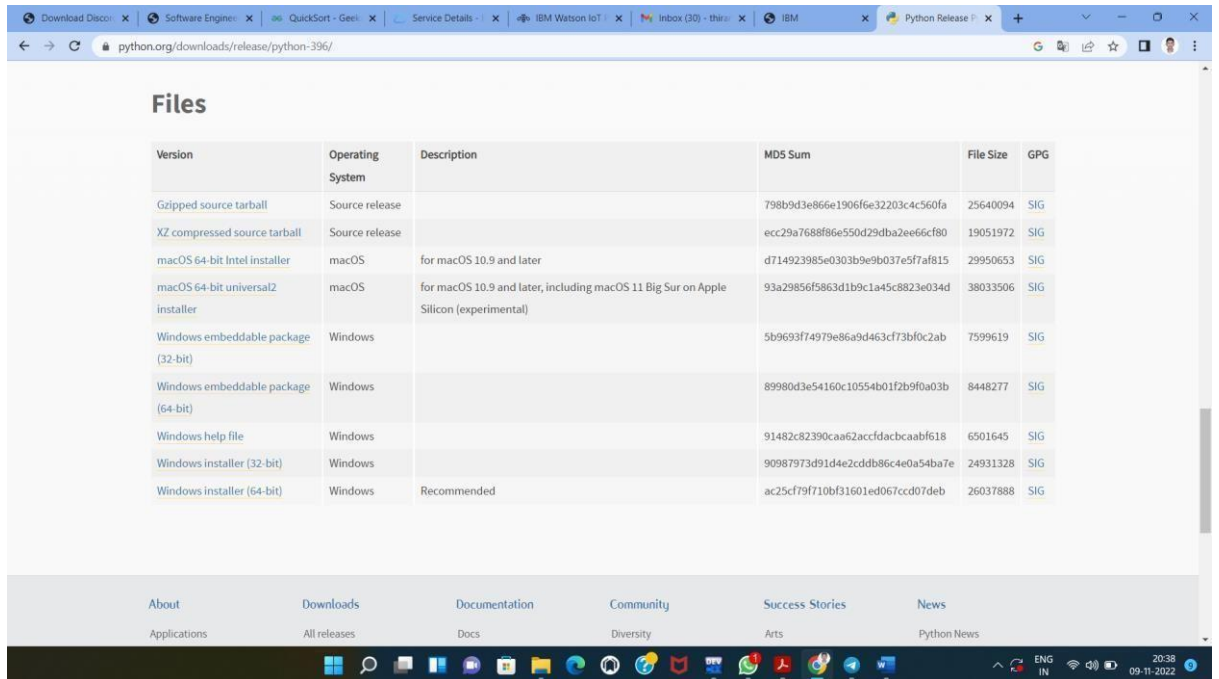


will direct you to this page.

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



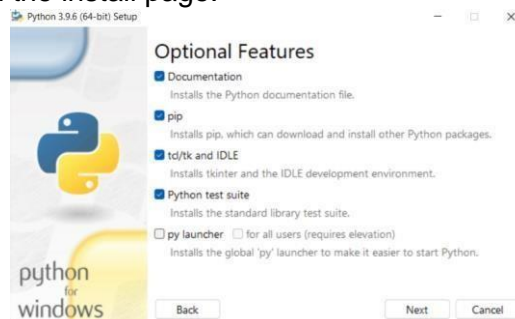
4. Click the python version 3.9.6 and download the windows installer (64 bit).-



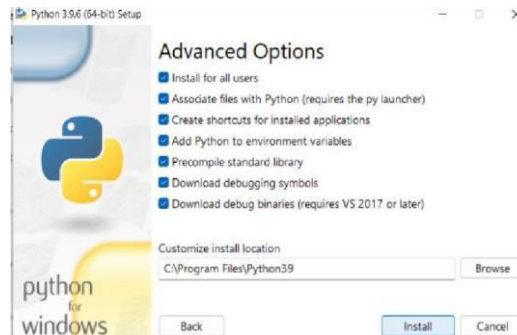
5. Install python 3.9.6 (64-bit) page will open.



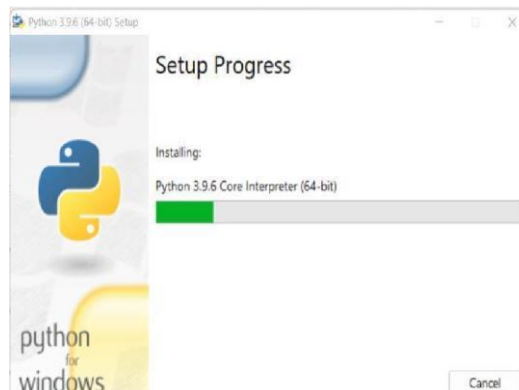
6. Click the next option in the install page.



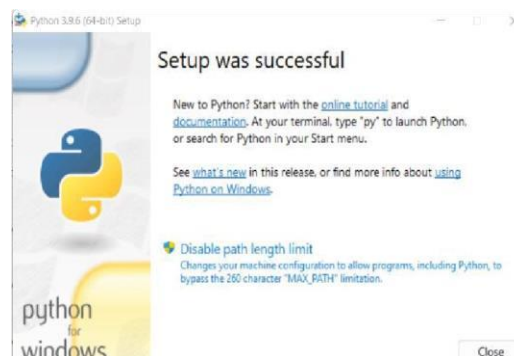
7. Click all the options and install the app.



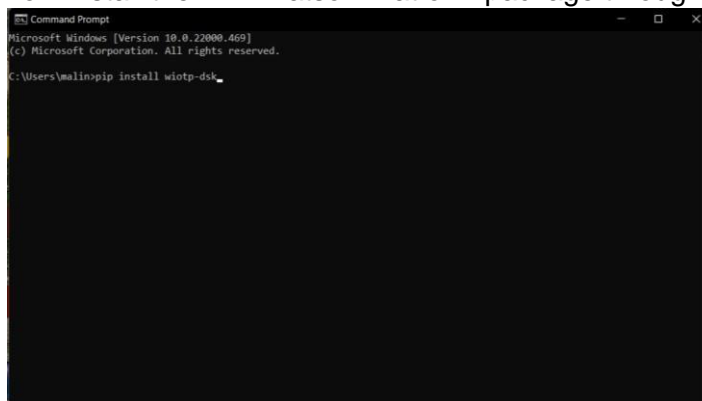
8. Set up process will begin after you give install option.



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 10.0.22000.1888]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Meinup> pip install wiota-sdk
Collecting wiota-sdk
  Downloading wiota_sdk-0.11.0.tar.gz (96 kB)
    Collecting iso8601>=0.1.12
    Downloading iso8601-1.1.0-py3-none-any.whl (9.9 kB)
    Collecting pytz>=2012.3
    Downloading pytz-2022.6-py3-none-any.whl (488 kB)
    Collecting pyyaml>=3.11
    Downloading PyYAML-6.0-cp39-cp39-win_amd64.whl (151 kB)
    Collecting paho-mqtt>=1.5.0
    Downloading paho-mqtt-1.6.1.tar.gz (90 kB)
    Collecting requests>=2.21.0
    Downloading requests-2.28.1-py3-none-any.whl (62 kB)
    Collecting requests-toolbelt>=0.8.0
    Downloading requests_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)
    Collecting certifi>=2017.4.17
    Downloading certifi-2022.9.24-py3-none-any.whl (151 kB)
    Collecting urllib3>=1.26.12
    Downloading urllib3-1.26.12-py3-none-any.whl (140 kB)
    Collecting charset-normalizer>=2
    Downloading charset-normalizer-2.1.1-py3-none-any.whl (39 kB)
    Collecting idna>=2.5
    Downloading idna-3.4-py3-none-any.whl (61 kB)
  Using legacy 'setup.py install' for wiota-sdk, since package 'wheel' is not installed.
  Using legacy 'setup.py install' for paho-mqtt, since package 'wheel' is not installed.
  Installing collected packages: urllib3, idna, charset-normalizer, certifi, requests, requests-toolbelt, pyyaml, pytz, paho-mqtt, iso8601, wiota-sdk
  WARNING: The script normalizer.exe is installed in 'C:\Users\Meinup\AppData\Local\Programs\Python\Python39\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.
  Running setup.py install for wiota-sdk ... done
  Running setup.py install for paho-mqtt ... done
  Running setup.py install for wiota-sdk ... done
Successfully installed certifi-2022.9.24 charset-normalizer-2.1.1 idna-3.4 iso8601-1.1.0 paho-mqtt-1.6.1 pytz-2022.6 pyyaml-6.0 requests-2.28.1 requests-toolbelt-0.10.1 urllib3-1.26.12 wiota-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\Meinup> pip list
Package Version
-----
2TC
Mostly clear
```

12. Then a text program was compiled successfully

```
IDLE Shell 3.9.6
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win
32
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
>>> |

add.py - E:/PYTHON/add.py (3.9.6)
File Edit Format Run Options Window Help
a=int(input('enter a number'))
b=int(input('enter another number'))
c=a+b
print('the sum of two numbers is',c)
```

## RESULT:

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