

IBM Software Assignment

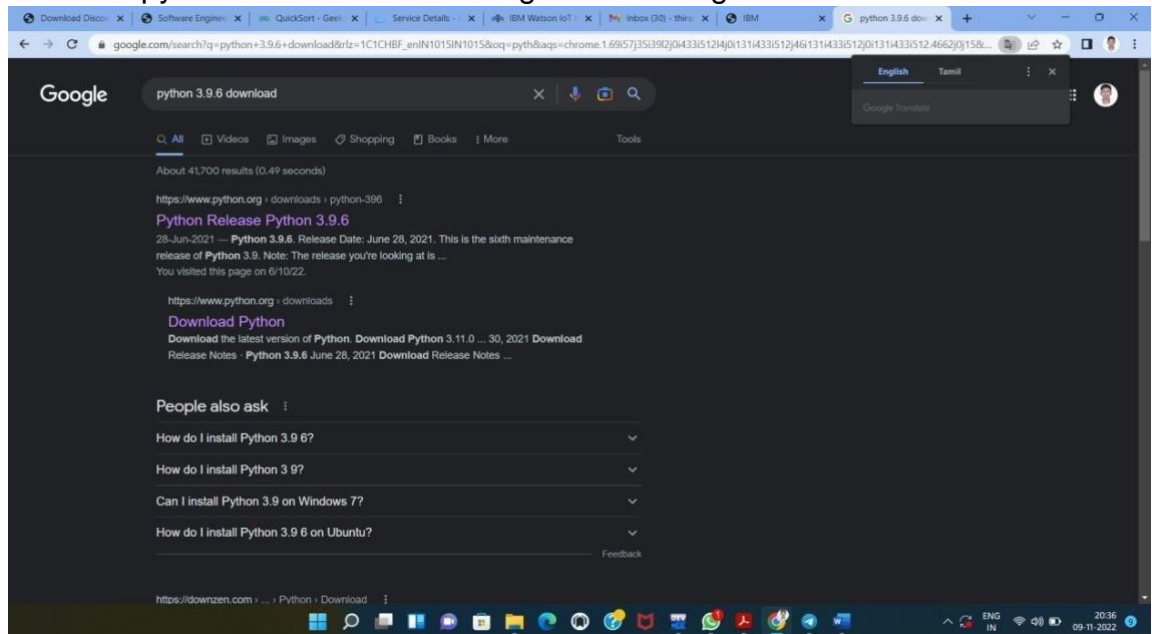
Date	19.11.2022
Team ID	PNT2022TMID36261
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IOT
Maximum marks	4 Marks

AIM:

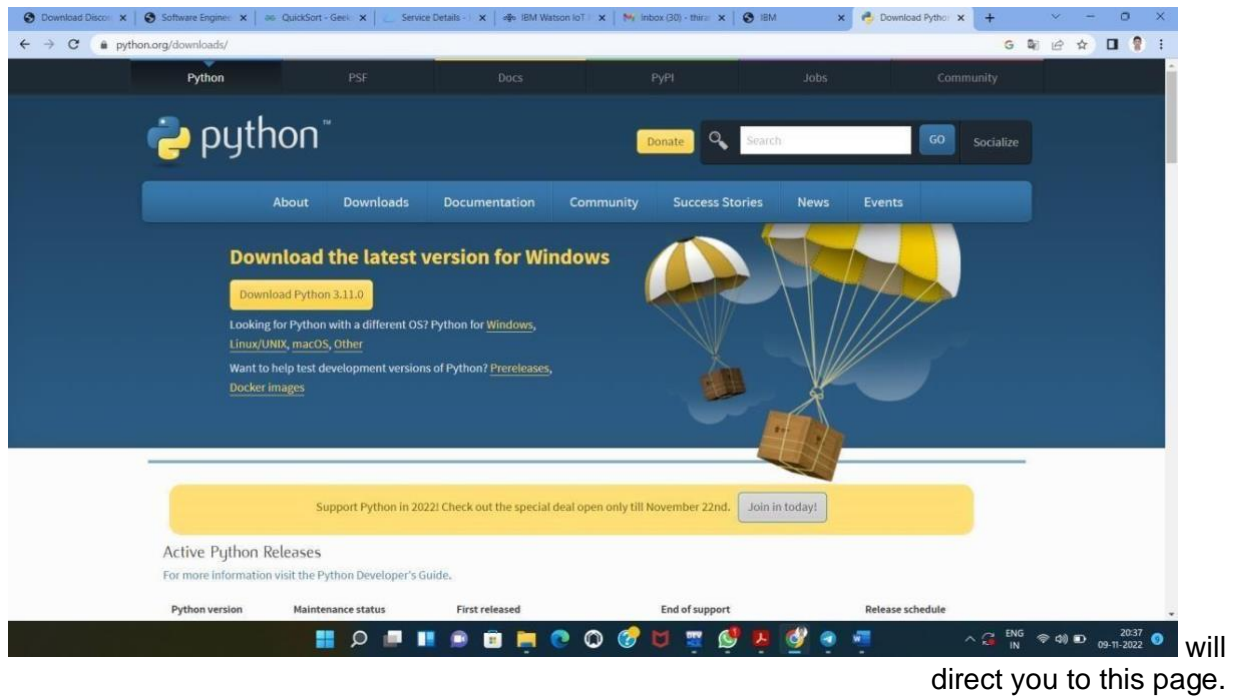
To install python version 3.9.6 and IBM Watson IOT platform packages in python.

Steps:

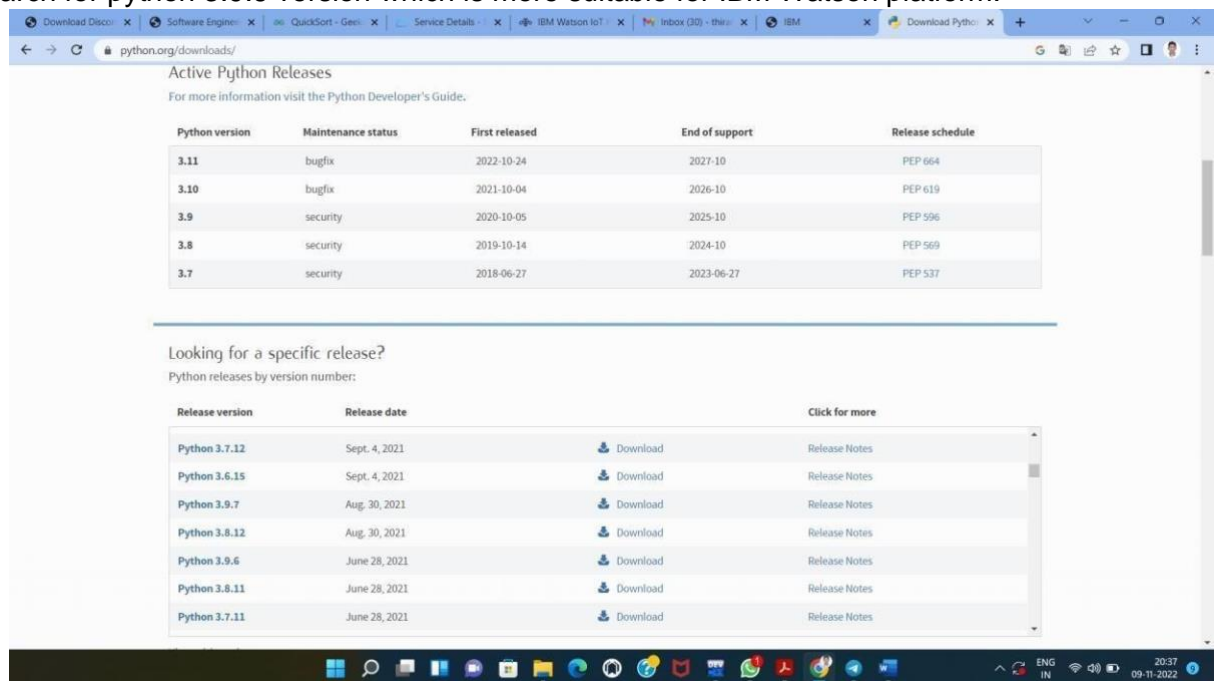
1. Search for python for windows in Google search engine.



2. Clicking on the shown link



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).-

python.org/downloads/release/python-396/

Files

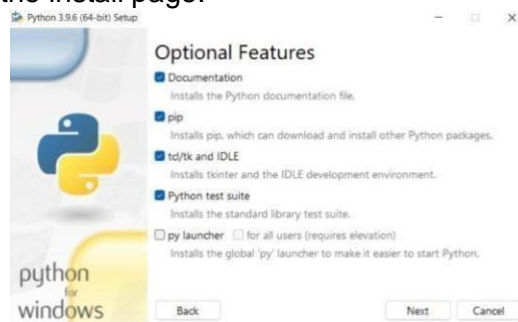
Version	Operating System	Description	MDS Sum	File Size	GPG
Gzipped source tarball	Source release		798b9d3e866e1906f6e32203c4c560fa	25640094	SIG
XZ compressed source tarball	Source release		ecc29a7688f86e550d29dba2ee66cf80	19051972	SIG
macOS 64-bit Intel installer	macOS	for macOS 10.9 and later	d714923985e0303b9e9b037e5f7af815	29950653	SIG
macOS 64-bit universal2 installer	macOS	for macOS 10.9 and later, including macOS 11 Big Sur on Apple Silicon (experimental)	93a29856f5863d1b9c1a45c8823e034d	38033506	SIG
Windows embeddable package (32-bit)	Windows		5b9693f74979e86a9d463cf73bf0c2ab	7599619	SIG
Windows embeddable package (64-bit)	Windows		89980d3e54160c10554b01f2b9f0a03b	8448277	SIG
Windows help file	Windows		91482c82390caa62accfdacbaabf618	6501645	SIG
Windows installer (32-bit)	Windows		90987973d91d4e2cddb86c4e0a54ba7e	24931328	SIG
Windows installer (64-bit)	Windows	Recommended	ac25cf79f710bf31601ed067ccd07deb	26037888	SIG

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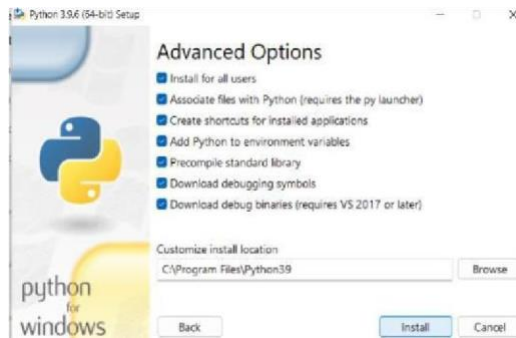
5. Install python 3.9.6 (64-bit) page will open.



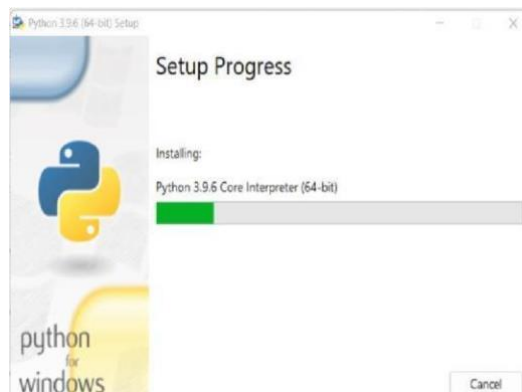
6. Click the next option in the install page.



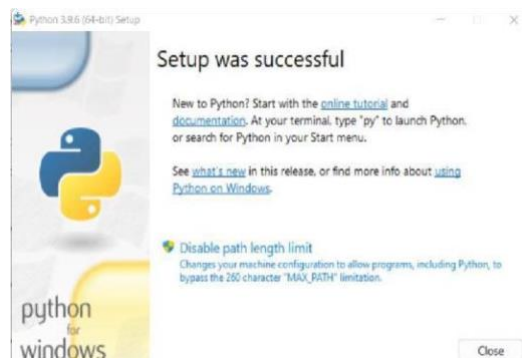
7. Click all the options and install the app.



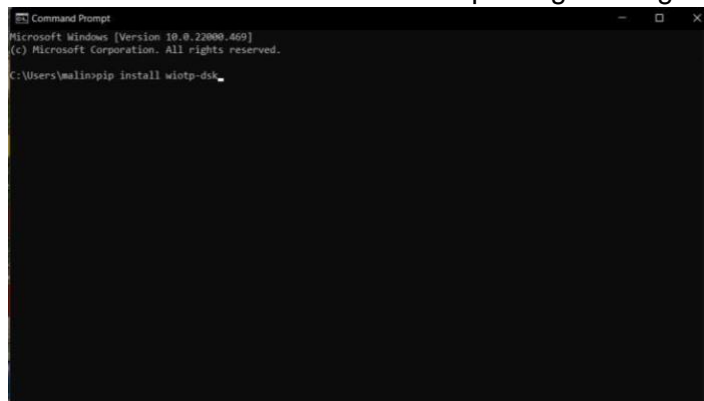
8. Set up process will begin after you give install option.



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 10.0.22000.1000]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Malik> pip install wattp-oh
Defaulting to user installation because normal site-packages is not writeable
Collecting wattp-oh
  Downloading wattp-oh-0.11.0.tar.gz (96 kB)
    Collecting iso8601-0.1.12
    Downloading iso8601-1.0-py3-none-any.whl (9.9 kB)
    Collecting pytz-2021.3
    Downloading pytz-2021.3-py3-none-any.whl (488 kB)
    Collecting pyyaml-5.4.1
    Downloading PyYAML-5.4.1-cp39-cp39-win32.whl (151 kB)
    Collecting paho-mqtt-1.6.1
    Downloading paho-mqtt-1.6.1-py3.pyd-py390.whl (99 kB)
    Collecting requests-2.28.1
    Downloading requests-2.28.1-py3-none-any.whl (52 kB)
    Collecting requests-toolbelt-0.10.1
    Downloading requests-toolbelt-0.10.1-py3.pyd-py390-any.whl (14 kB)
    Collecting certifi-2022.9.24
    Downloading certifi-2022.9.24-py3-none-any.whl (151 kB)
    Collecting urllib3-1.26.12
    Downloading urllib3-1.26.12-py3.pyd-py390-any.whl (120 kB)
    Collecting charset-normalizer-2.1.1
    Downloading charset-normalizer-2.1.1-py3-none-any.whl (39 kB)
    Collecting idna-3.3
    Downloading idna-3.3-py3-none-any.whl (41 kB)
Using legacy 'setup.py install' for wattp-oh, 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, wattp-oh
  WARNING: The script 'wattp-oh' is installed in 'C:\Users\Malik\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 wattp-oh ... done
Successfully installed certifi-2022.9.24 charset-normalizer-2.1.1 idna-3.3 iso8601-1.0 paho-mqtt-1.6.1 pytz-2021.3 pyyaml-5.4 requests-2.28.1 requests-toolbelt-0.10.1 urllib3-1.26.12 wattp-oh-0.11.0
WARNING: You are using pip version 21.1.1, however version 22.1.1 is available.
You should consider upgrading via the 'C:\Program Files\Python\Python39\python.exe -m pip install --upgrade pip' command.

C:\Users\Malik> pip list
Package          Version
-----
pip              21.1.1
python           3.9.6
wattp-oh         0.11.0
```

12. Then a text program was compiled successfully

```
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.
>>>
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.