PYTHON SCRIPT

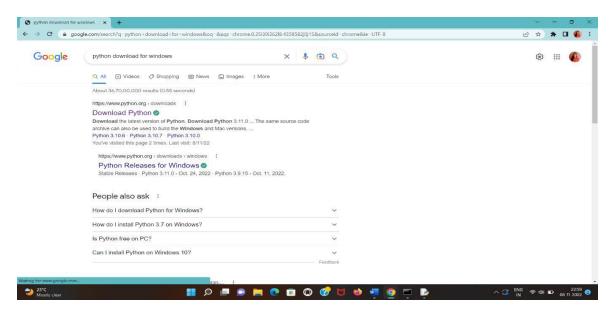
Assignment Date	10 November 2022
Team ID	PNT2022TMID52392
Project Name	Gas Leakage Monitoring and Alerting System

AIM:

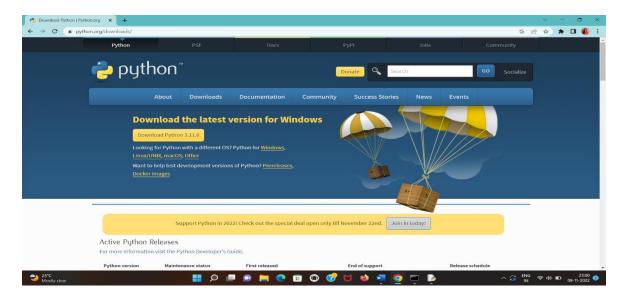
To install python version 3.9.6 and IBM Watson IoT platform packages in python.

STEPS:

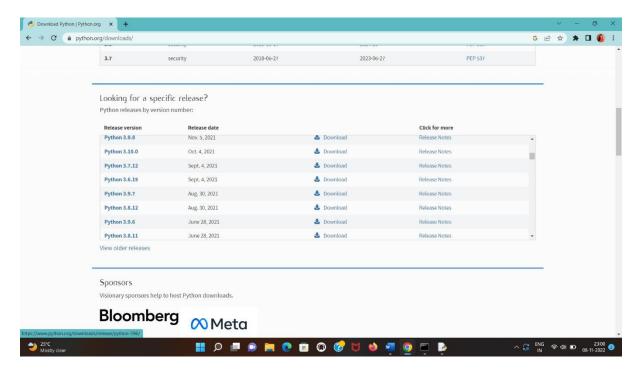
1. Search for python for windows in Google search engine.



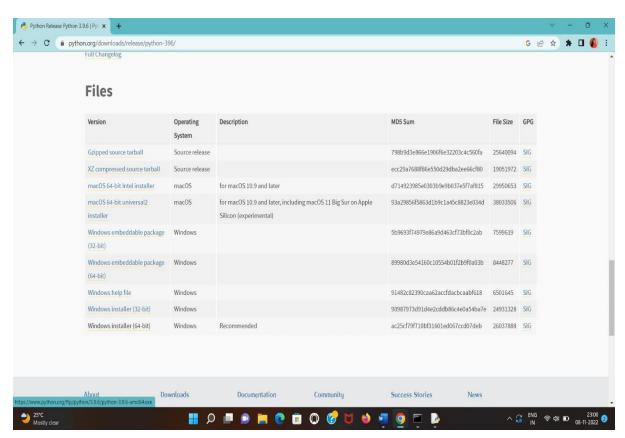
2. Click the First link...



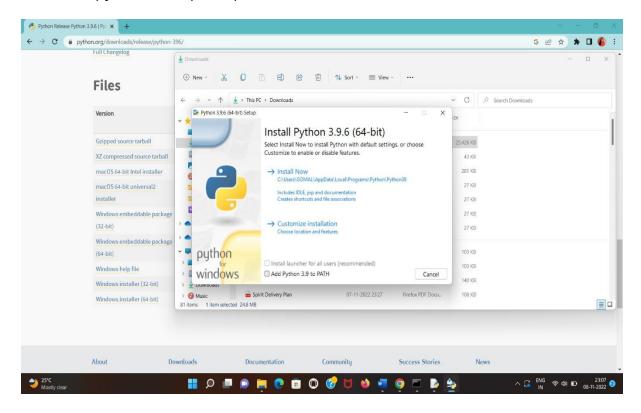
3. Search for python 3.9.6 version which is suitable for IBM Watson platform.



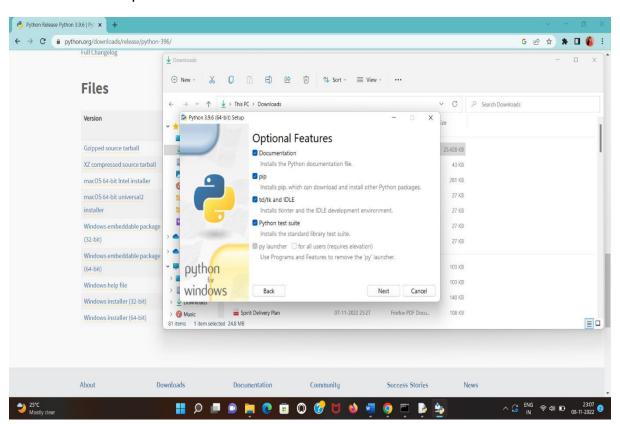
4. Click the python version 3.9.6 and download.



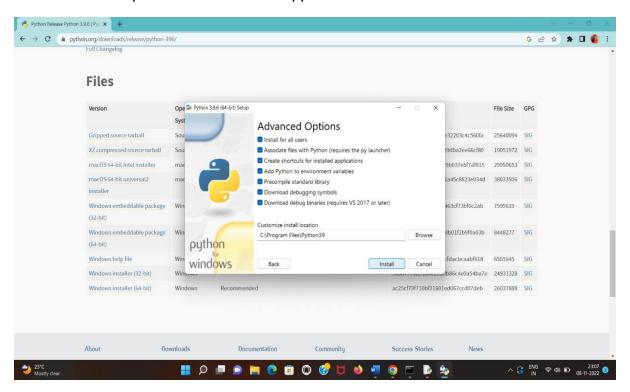
5. Install python 3.9.6 (64-bit) then click customize.



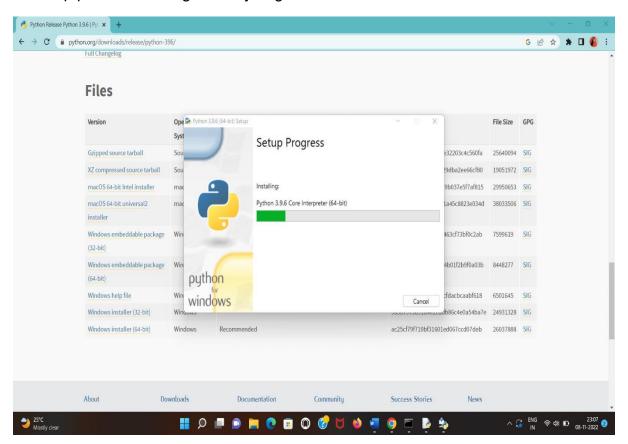
6.Click the next option.



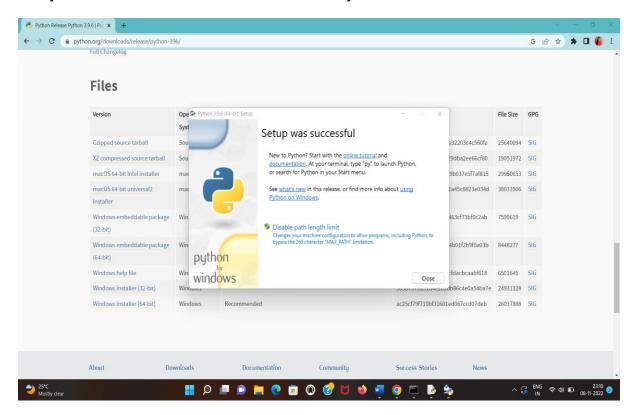
7. Select all the options and install the app.



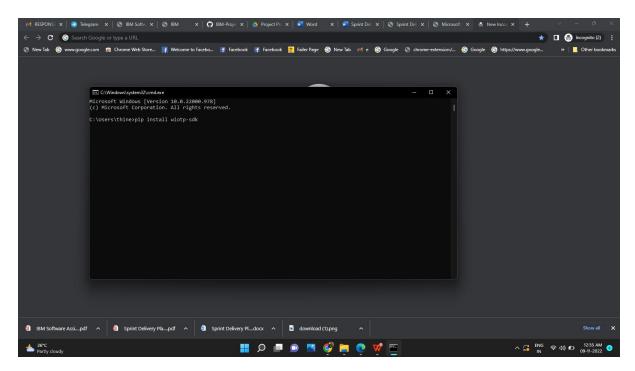
8.Set up process will begin after you give install.



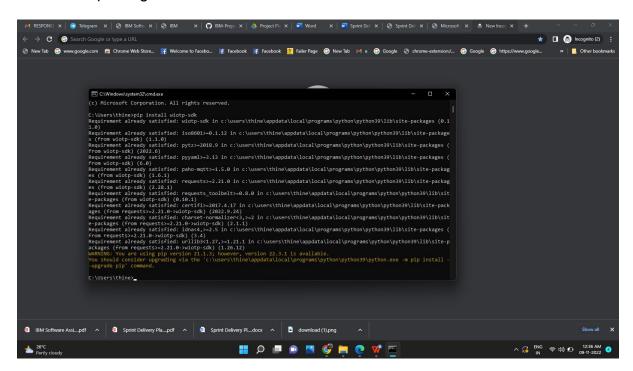
9. Python 3.9.6 version is installed successfully.



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



11. The package will be installed.



12. Then type program and run in python.

```
File Edit Format Run Options Window Help

import random
print('Hazardous Gas Level=',str(random.randint(0,100)))
print('Temperature=',str(random.randint(0,100)))
print('Humidity=',str(random.randint(0,100)))
print('Pressure=',str(random.randint(0,100)))
```

RESULT:

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

Python Code:

import random print('Hazardous Gas Level=',str(random.randint(0,100))) print('Temperature=',str(random.randint(0,100))) print('Humidity=',str(random.randint(0,100))) print('Pressure=',str(random.randint(0,100)))

Watson Code:

```
{
   "Hazardous Gas": random(0,100),
   "Temperature": random(0,100),
   "Humidity": random(0,100),
   "Pressure": random(0,100)
}
```

