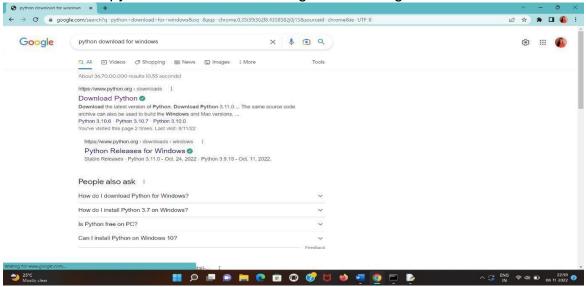
PYTHON SCRIPT

AIM:

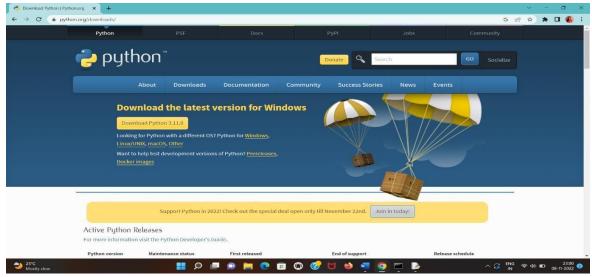
To install python version 3.9.6 and IBM Watson IoT platform packages in python.

STEPS:

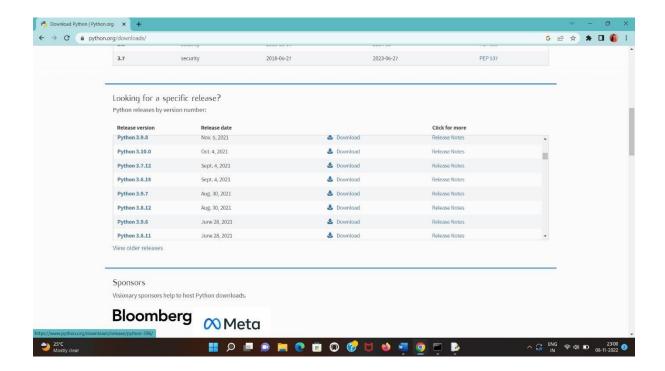
1. Search for python for windows in Google search engine.



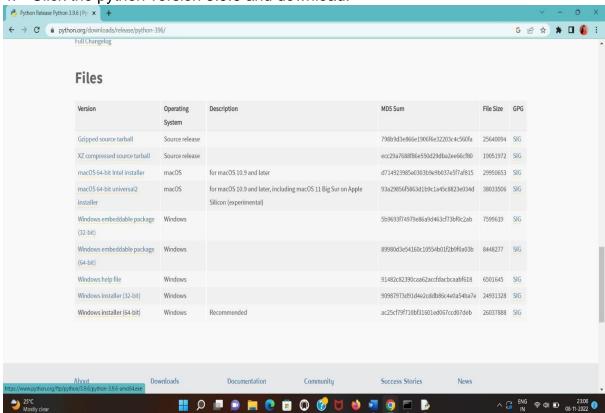
2. Click the First link..



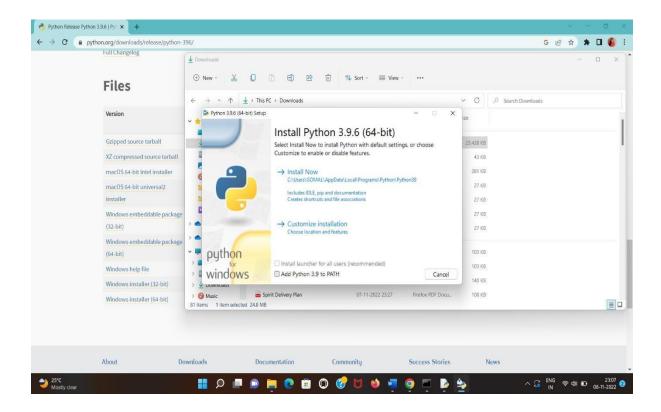
3. Search for python 3.9.6 version which is suitable for IBM Watson platform.



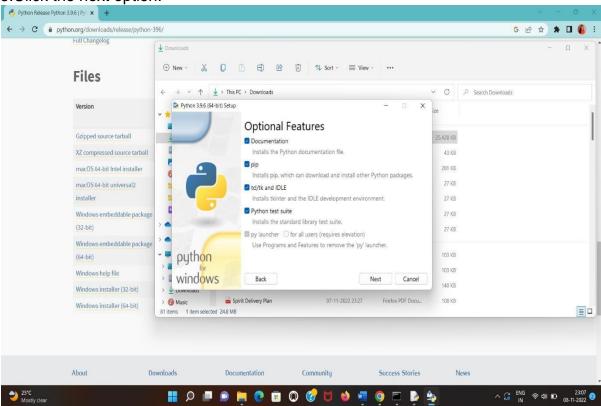
4. Click the python version 3.9.6 and download.



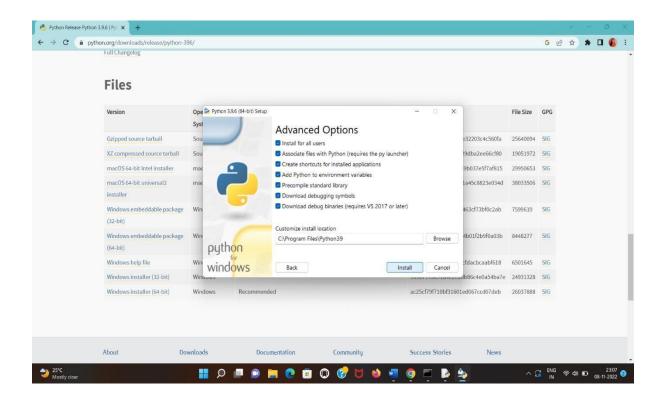
5. Install python 3.9.6 (64-bit) then click customize.



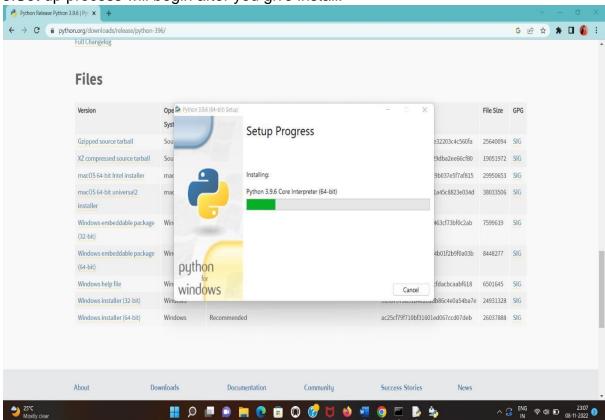
6.Click the next option.



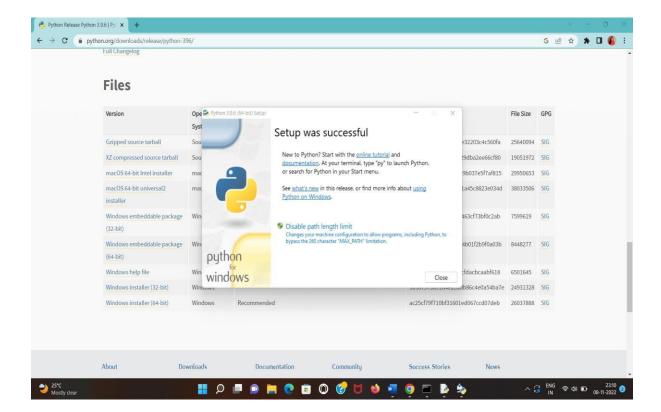
7. Select all the options and install the app.



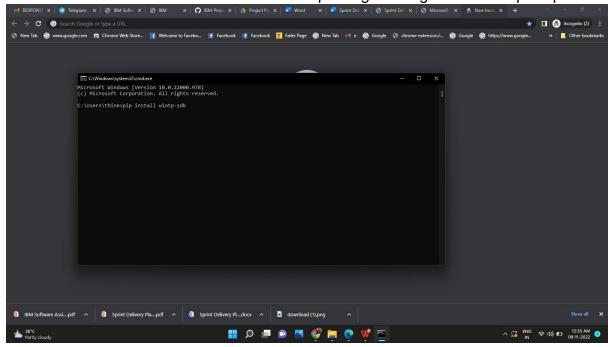
8.Set up process will begin after you give install.



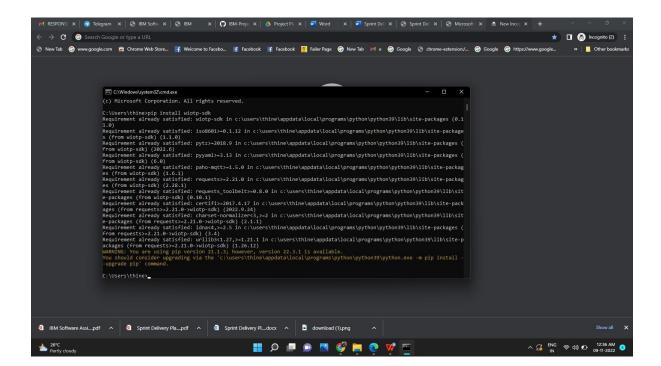
9. Python 3.9.6 version is installed successfully.



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)))

```
The Code of the Co
```

Watson Code:

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

