PYTHON SCRIPT

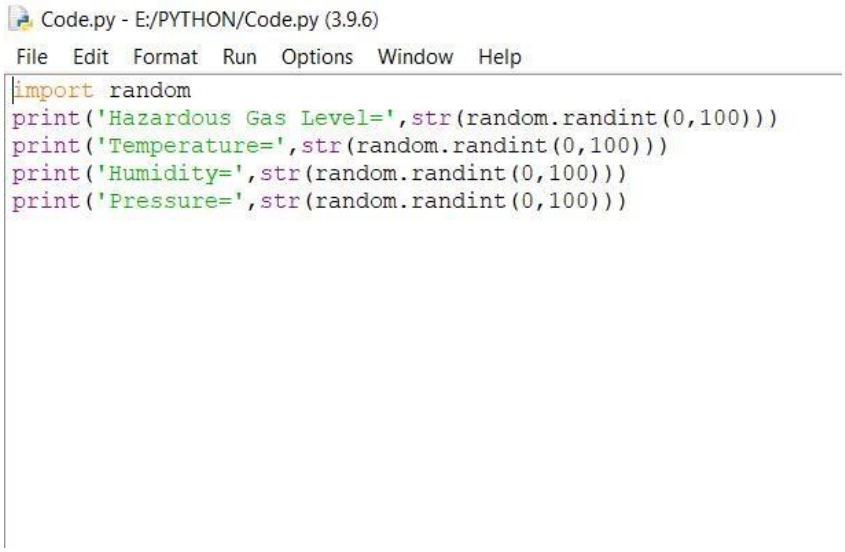
Assignment Date	06 NOVEMBER2022
Team ID	PNT2022TMID08708
Project Name	Gas Leakage Monitoring and Alerting System

AIM:

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

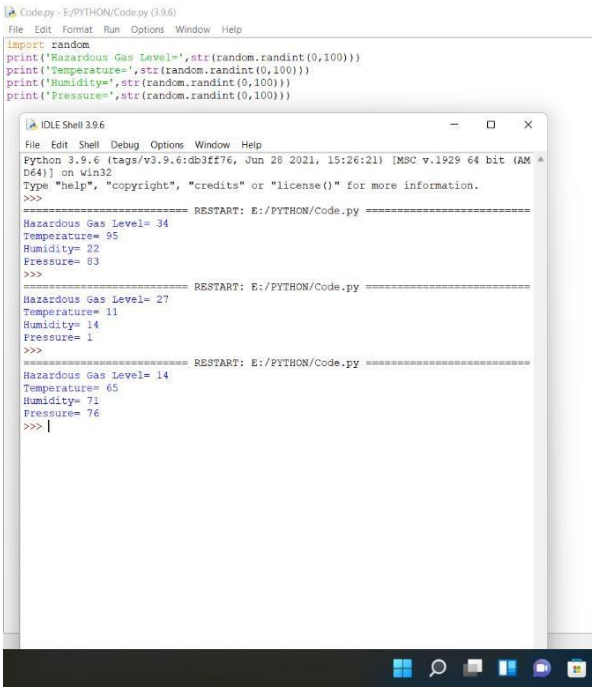
Python Code:

```
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)))
```



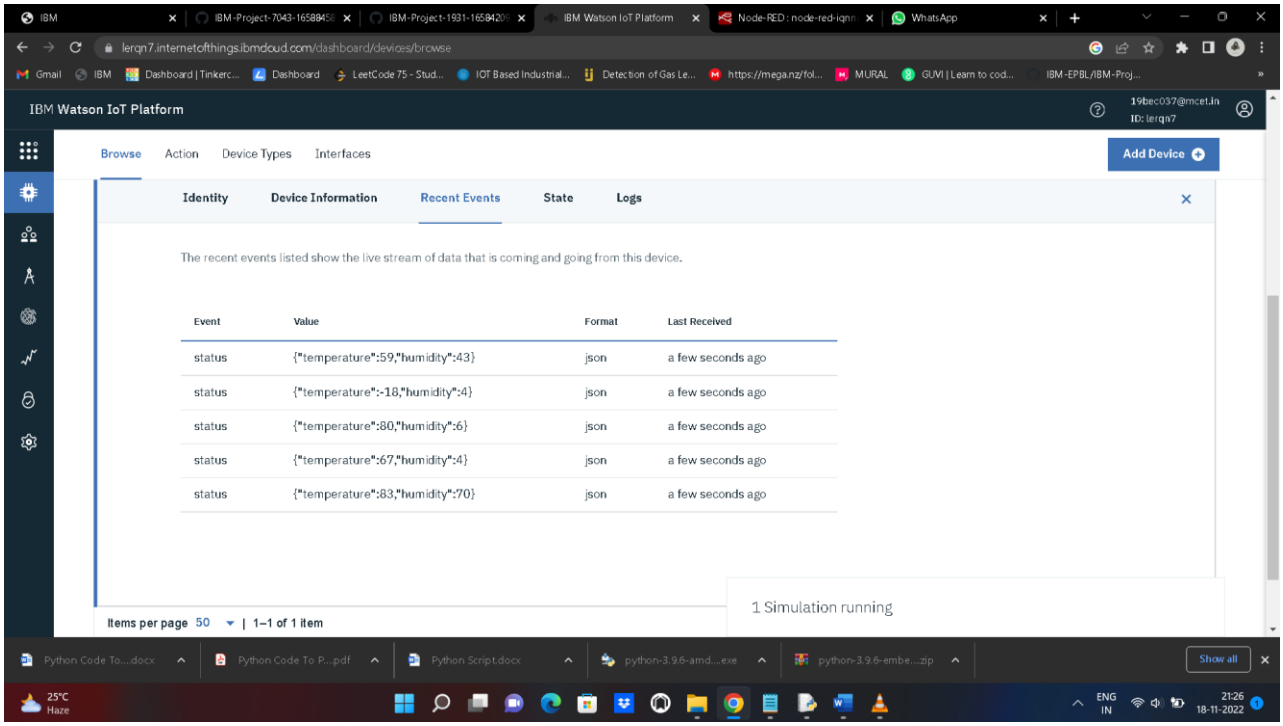
RESULT:

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



Watson Code:

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


IBM Watson IoT Platform
19bec037@mcet.in
ID: lerqn7
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
status
{"temperature":59,"humidity":43}
json
a few seconds ago
status
{"temperature":-18,"humidity":4}
json
a few seconds ago
status
{"temperature":80,"humidity":6}
json
a few seconds ago
status
{"temperature":67,"humidity":4}
json
a few seconds ago
status
{"temperature":83,"humidity":70}
json
a few seconds ago
Items per page 50
1–1 of 1 item
1 Simulation running
Show all