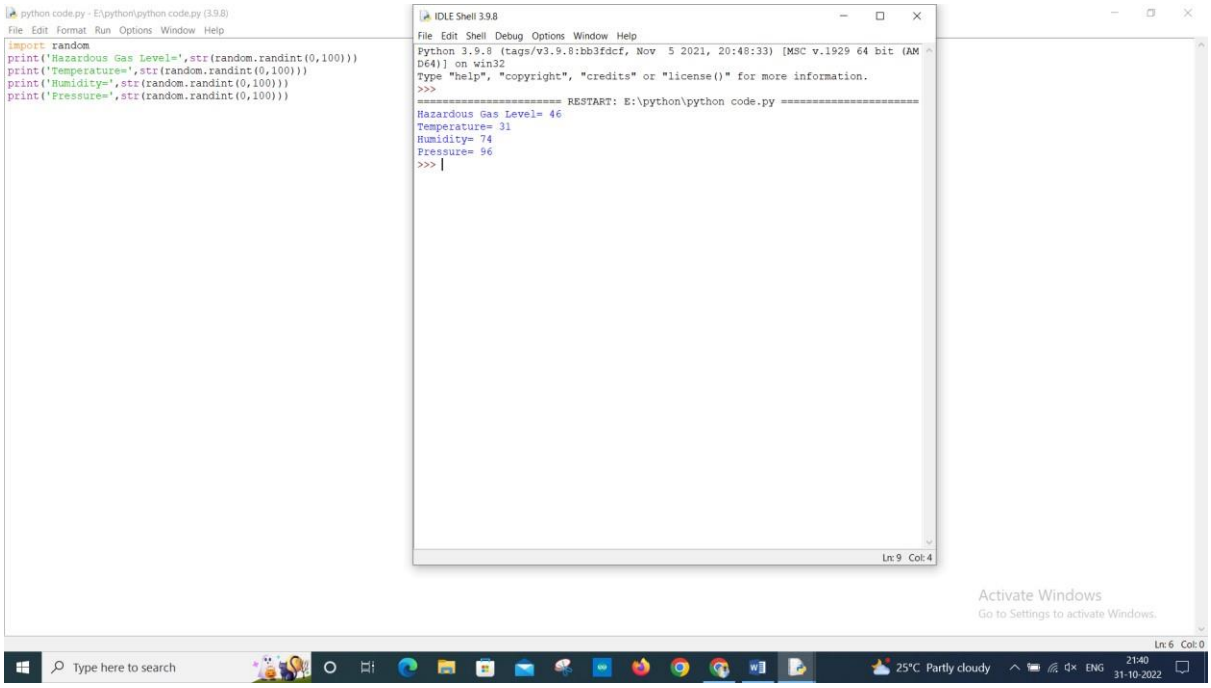
PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

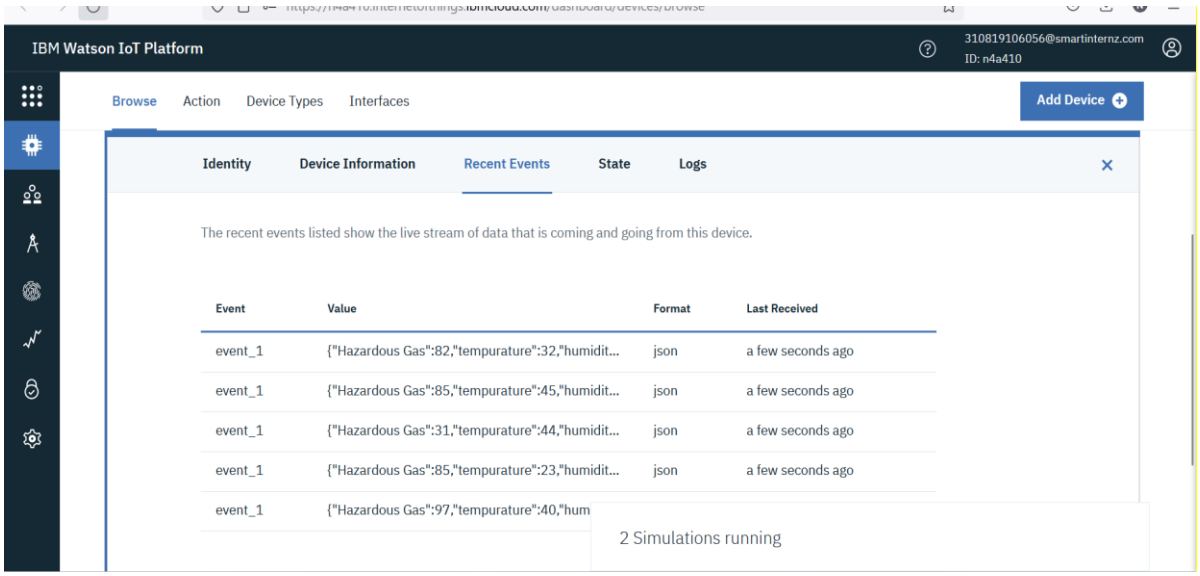
Date	31 October 2022
Team ID	PNT2022TMID27080
Project Name	Gas leakage monitoring and alerting system for industries

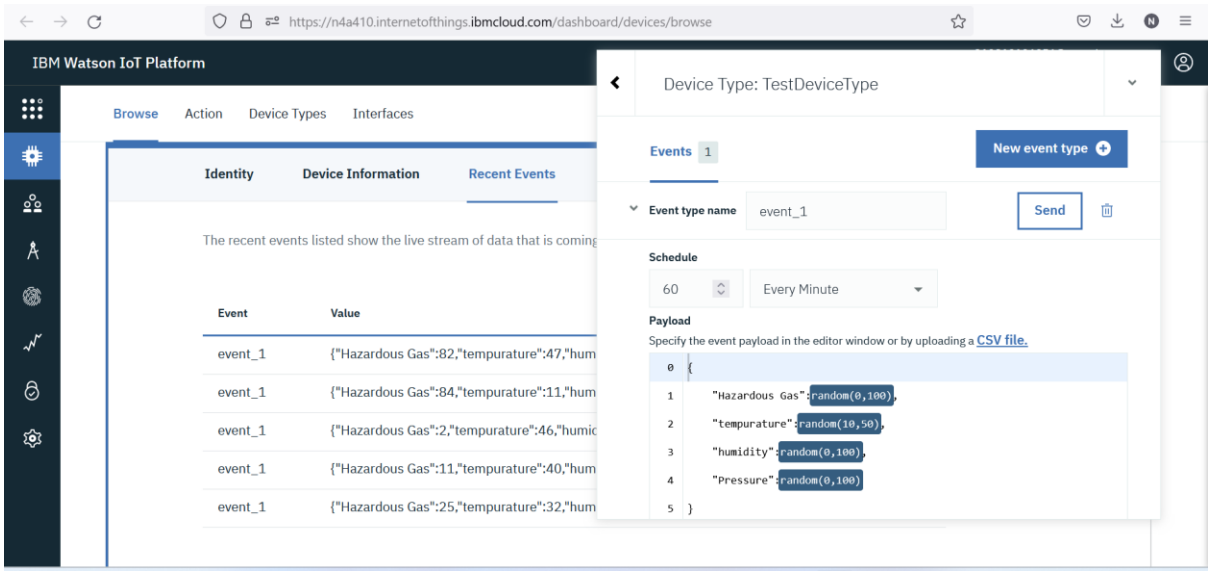
PYTHON CODE

```
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)))
```

OUTPUT:




IBM Watson IoT Platform
310819106056@smartinternz.com
ID: n4a410
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
event_1
{"Hazardous Gas":82,"tempurature":32,"humidit...
json
a few seconds ago
event_1
{"Hazardous Gas":85,"tempurature":45,"humidit...
json
a few seconds ago
event_1
{"Hazardous Gas":31,"tempurature":44,"humidit...
json
a few seconds ago
event_1
{"Hazardous Gas":85,"tempurature":23,"humidit...
json
a few seconds ago
event_1
{"Hazardous Gas":97,"tempurature":40,"hum
2 Simulations running


https://n4a410.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Identity
Device Information
Recent Events
The recent events listed show the live stream of data that is coming
Event
Value
event_1
{"Hazardous Gas":82,"tempurature":47,"hum
event_1
{"Hazardous Gas":84,"tempurature":11,"hum
event_1
{"Hazardous Gas":2,"tempurature":46,"humic
event_1
{"Hazardous Gas":11,"tempurature":40,"hum
event_1
{"Hazardous Gas":25,"tempurature":32,"hum
Device Type: TestDeviceType
Events 1
New event type
Event type name
event_1
Send
Schedule
60
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"Hazardous Gas":random(0,100),
"tempurature":random(10,50),
"humidity":random(0,100),
"Pressure":random(0,100)
}