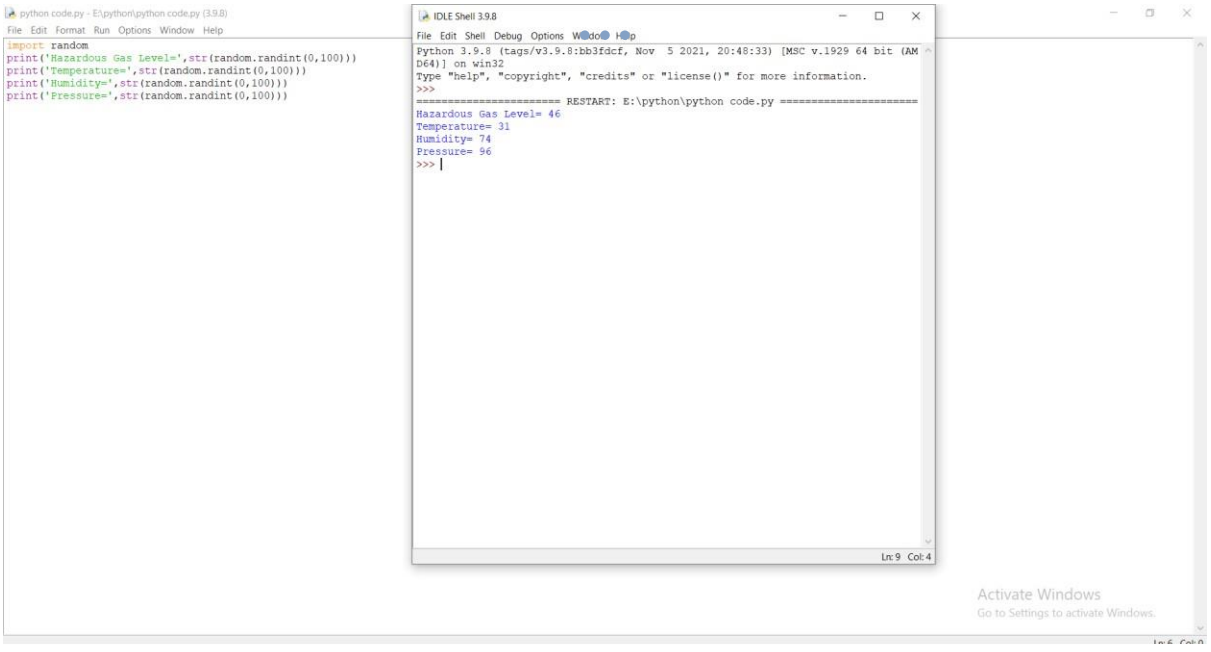
PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

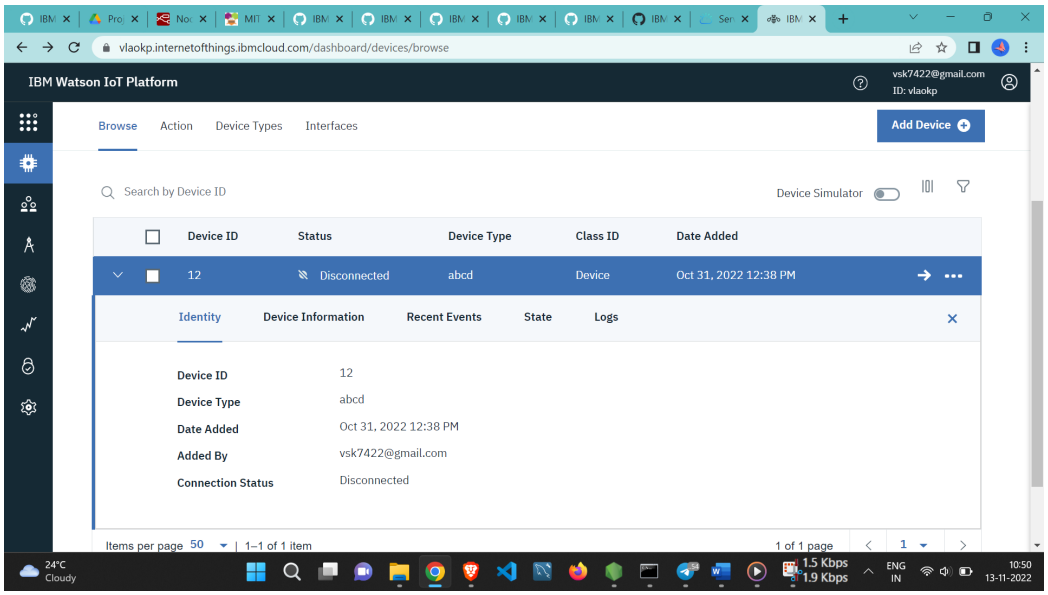
Team ID	PNT2022TMID14295
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

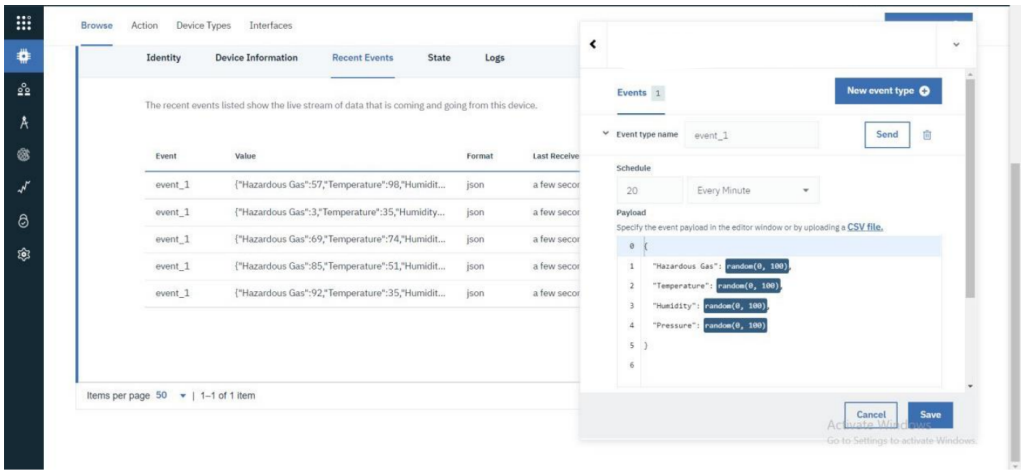
PYTHON CODE

```
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:




vlaokp.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
vsk7422@gmail.com
ID: vlaokp
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
12
Disconnected
abcd
Device
Oct 31, 2022 12:38 PM
Identity
Device Information
Recent Events
State
Logs
Device ID
12
Device Type
abcd
Date Added
Oct 31, 2022 12:38 PM
Added By
vsk7422@gmail.com
Connection Status
Disconnected
Items per page 50
1–1 of 1 item
1 of 1 page
24°C
Cloudy
ENG
IN
10:50
13-11-2022


Browse
Action
Device Types
Interfaces
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
event_1
{"Hazardous Gas":57,"Temperature":98,"Humidit...
json
event_1
{"Hazardous Gas":3,"Temperature":35,"Humidity...
json
event_1
{"Hazardous Gas":69,"Temperature":74,"Humidit...
json
event_1
{"Hazardous Gas":85,"Temperature":51,"Humidit...
json
event_1
{"Hazardous Gas":92,"Temperature":35,"Humidit...
json
Items per page 50
1–1 of 1 item
Events 1
New event type
Event type name
event_1
Send
Schedule
20
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
"Hazardous Gas": random(0, 100),
"Temperature": random(0, 100),
"Humidity": random(0, 100),
"Pressure": random(0, 100)
Cancel
Save