PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

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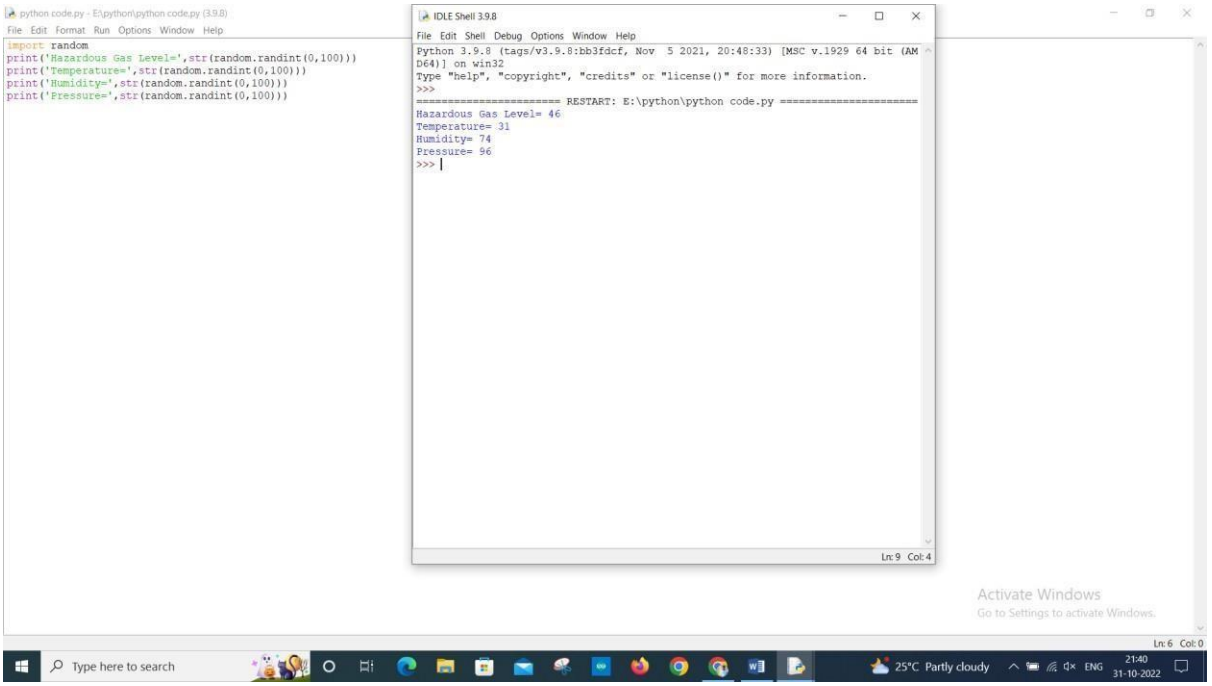
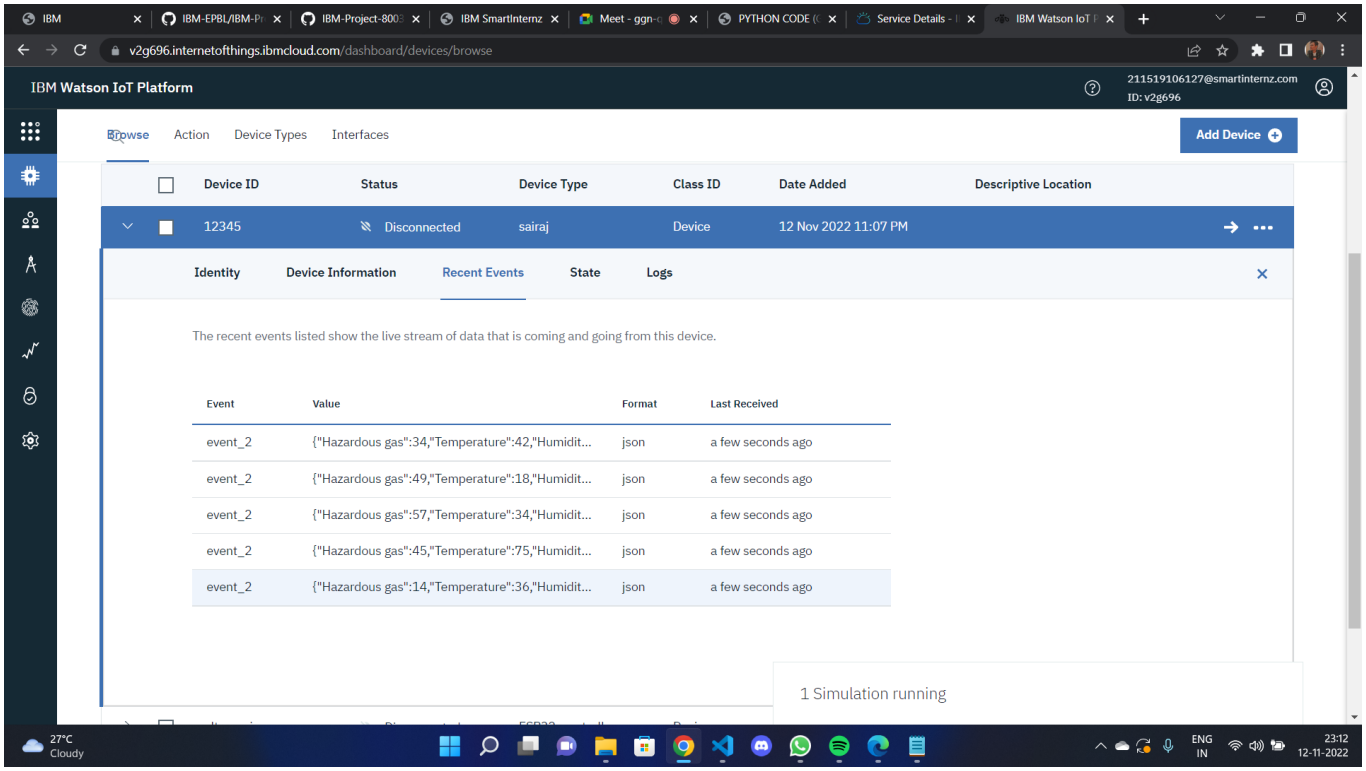
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

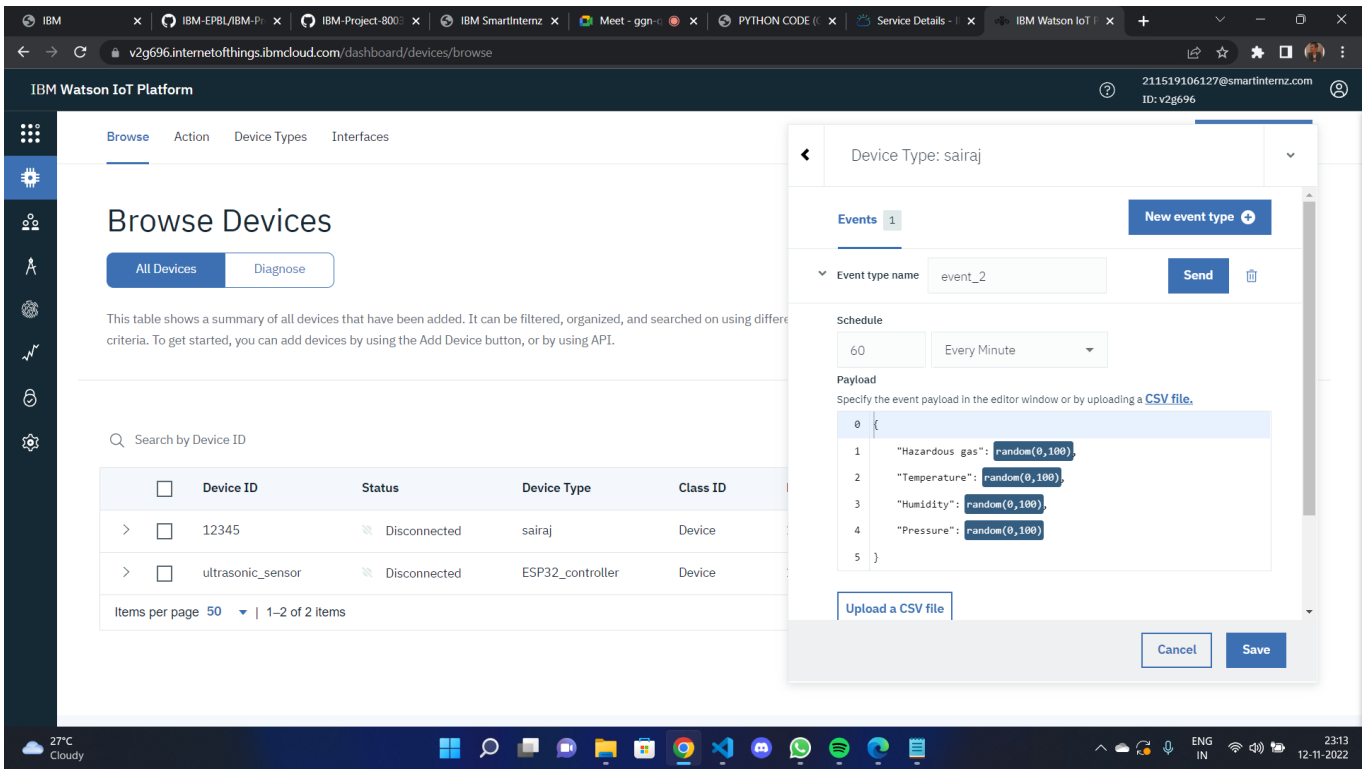
PYTHON CODE

```
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
v2g696.internetofthings.ibmcloud.com/dashboard/devices/browse
Browse
Action
Device Types
Interfaces
Add Device
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
12345
Disconnected
sairaj
Device
12 Nov 2022 11:07 PM
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_2
{"Hazardous gas":34,"Temperature":42,"Humidit...
json
a few seconds ago
event_2
{"Hazardous gas":49,"Temperature":18,"Humidit...
json
a few seconds ago
event_2
{"Hazardous gas":57,"Temperature":34,"Humidit...
json
a few seconds ago
event_2
{"Hazardous gas":45,"Temperature":75,"Humidit...
json
a few seconds ago
event_2
{"Hazardous gas":14,"Temperature":36,"Humidit...
json
a few seconds ago
1 Simulation running


IBM Watson IoT Platform
v2g696.internetofthings.ibmcloud.com/dashboard/devices/browse
Browse
Action
Device Types
Interfaces
Browse Devices
All Devices
Diagnose
This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using differe
criteria. To get started, you can add devices by using the Add Device button, or by using API.
Search by Device ID
Device ID
Status
Device Type
Class ID
12345
Disconnected
sairaj
Device
ultrasonic_sensor
Disconnected
ESP32_controller
Device
Items per page 50
1–2 of 2 items
Device Type: sairaj
Events 1
New event type
Event type name
event_2
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),
"Temperature": random(0,100),
"Humidity": random(0,100),
"Pressure": random(0,100)
}
Upload a CSV file
Cancel
Save