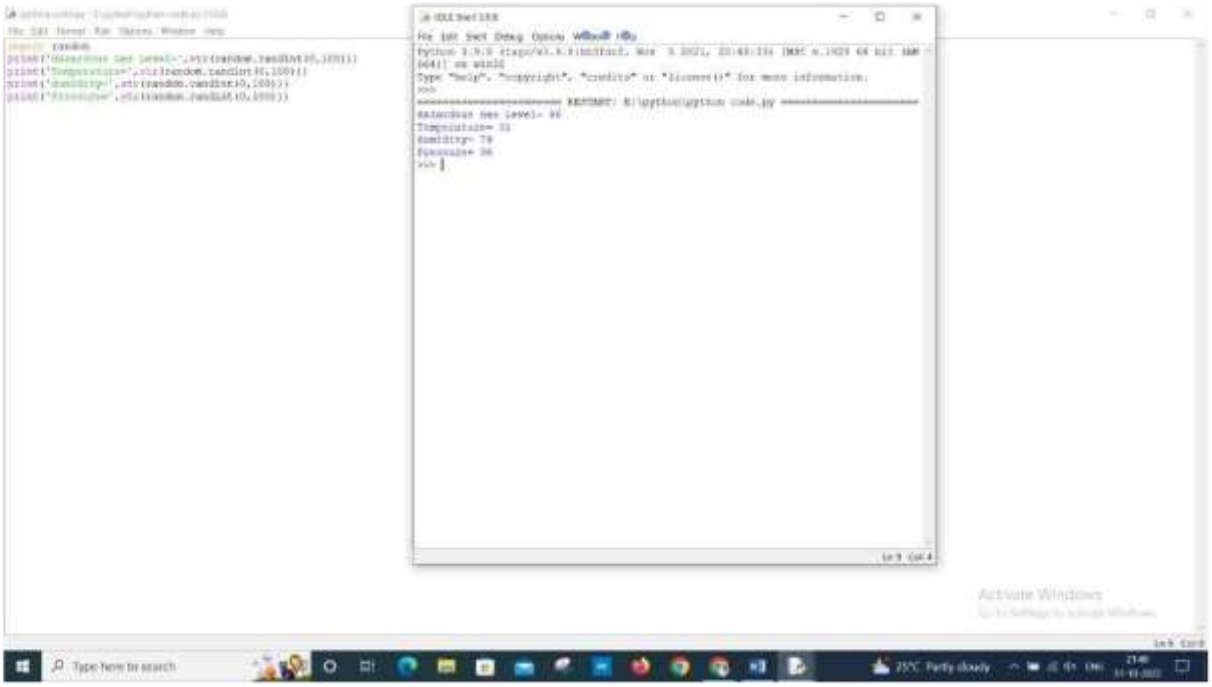
PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

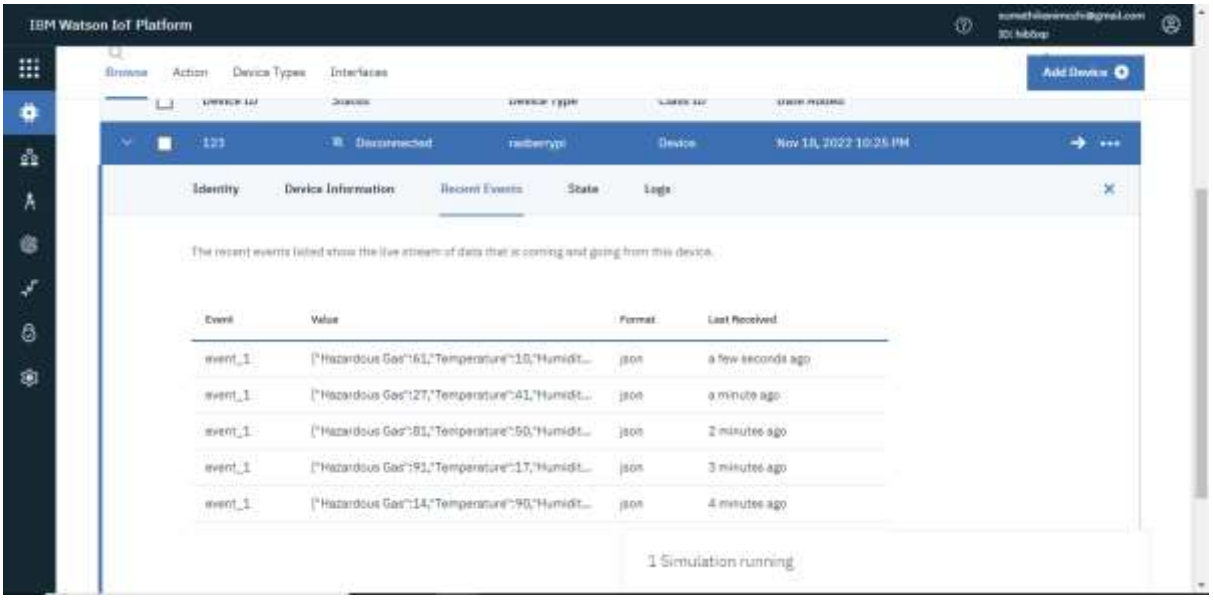
Date	3 NOVEMBER 2022
Team ID	PNT2022TMID15087
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

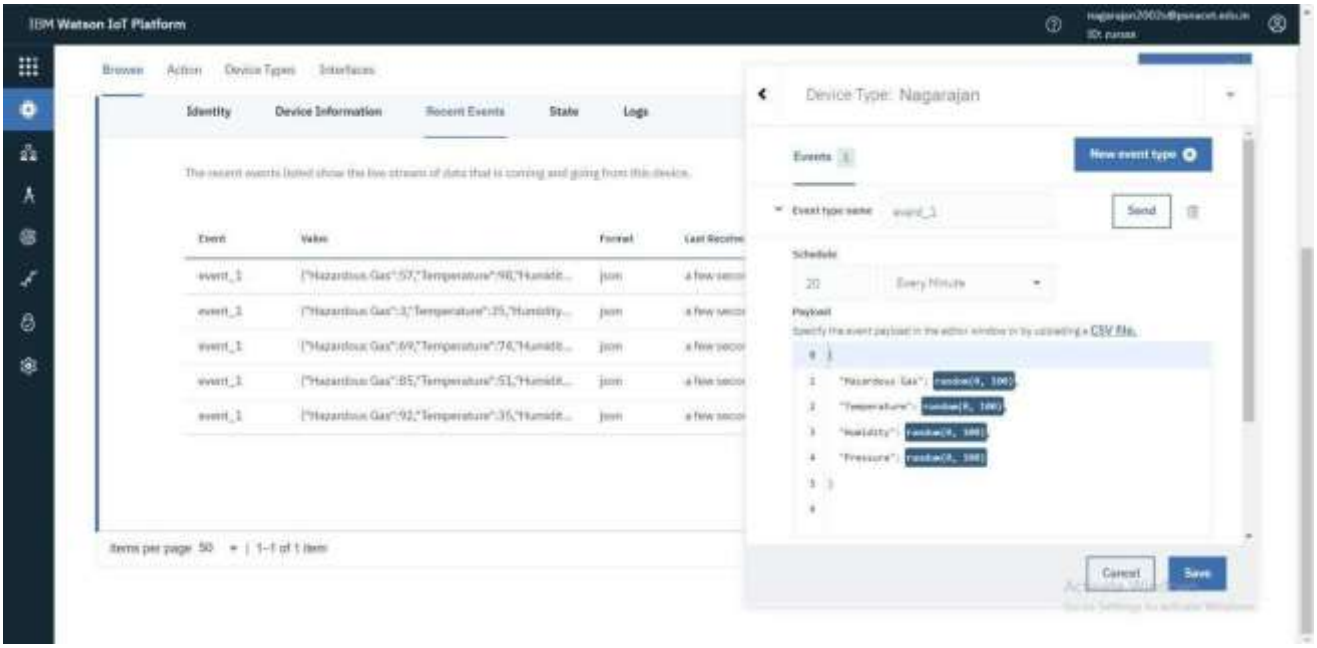
PYTHON CODE

```
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
Browse
Action
Device Types
Interfaces
Add Device
123
Disconnected
raspberrypi
Device
Nov 18, 2022 10:25 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_1
{"Hazardous Gas":61,"Temperature":10,"Humidit...
json
a few seconds ago
event_1
{"Hazardous Gas":27,"Temperature":41,"Humidit...
json
a minute ago
event_1
{"Hazardous Gas":81,"Temperature":50,"Humidit...
json
2 minutes ago
event_1
{"Hazardous Gas":91,"Temperature":17,"Humidit...
json
3 minutes ago
event_1
{"Hazardous Gas":14,"Temperature":90,"Humidit...
json
4 minutes ago
1 Simulation running


IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Identity
Device Information
Recent Events
State
Logs
Device Type: Nagarajan
Events
New event type
Send
Schedule
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
Items per page: 50
1–1 of 1 item