PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	**16 November 2022**
Team ID	**PNT2022TMID24189**
Project Name	**Gas Leakage Monitoring and Alerting System**
Maximum Mark	**4 marks**

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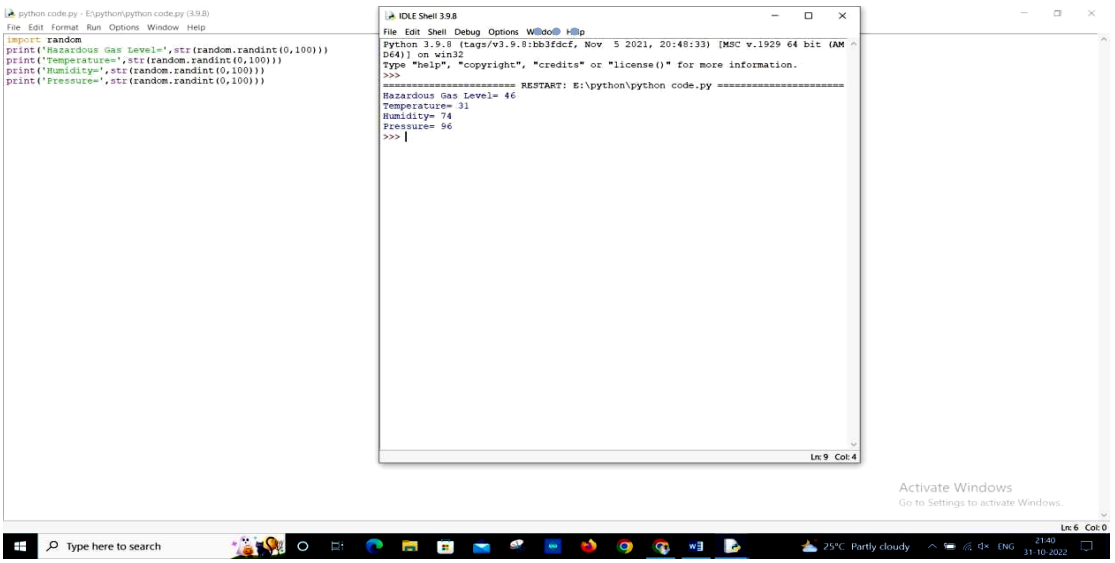
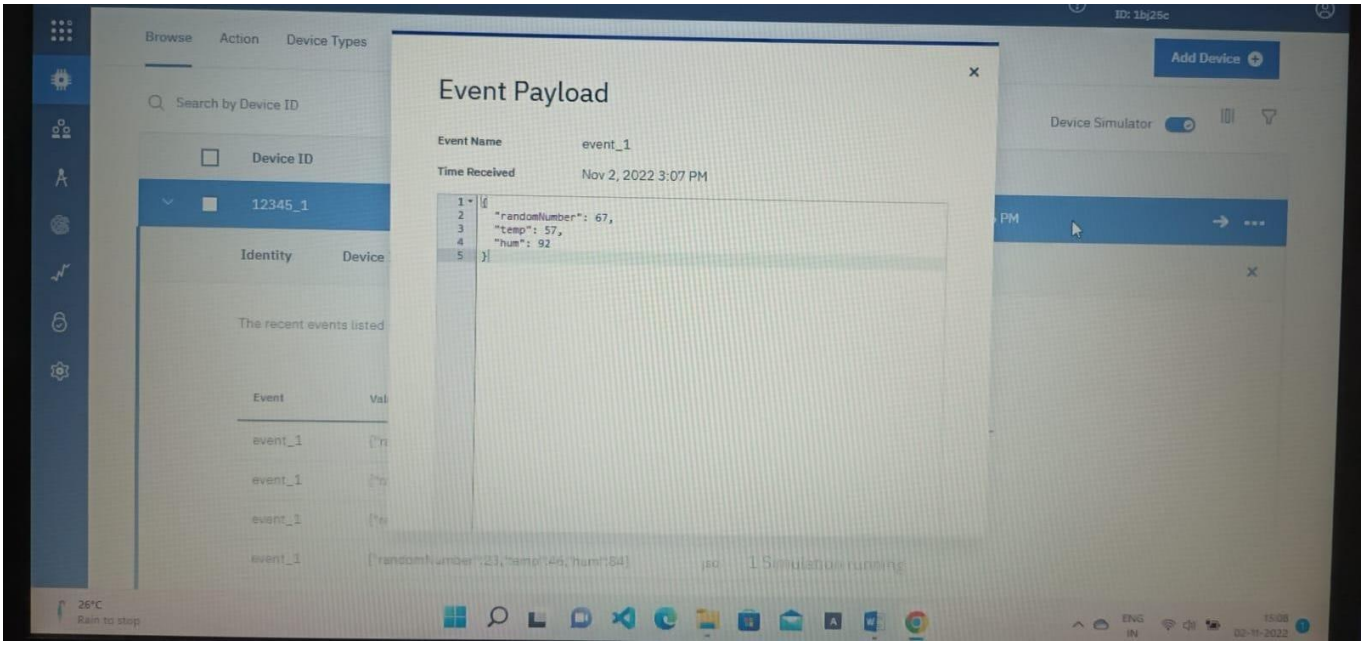
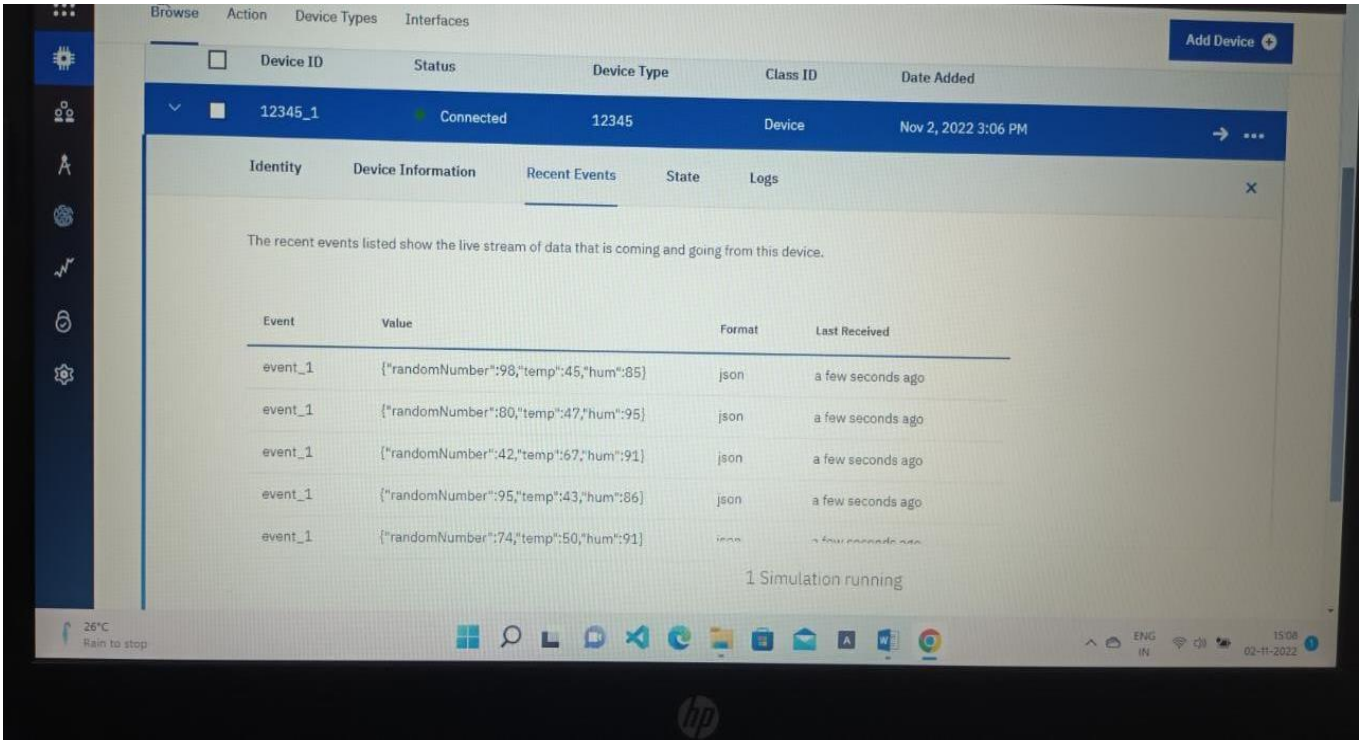
PYTHON CODE

```
import random
print('Random number =',str(random.randint(0,100)))
print('Temperature=',str(random.randint(0,100)))
print('Humidity=',str(random.randint(0,100)))
```

OUTPUT:




Browse
Action
Device Types
Add Device
Search by Device ID
Device Simulator
Device ID
12345_1
Identity
Device
The recent events listed
Event
event_1
Event Payload
Event Name
event_1
Time Received
Nov 2, 2022 3:07 PM
{
"randomNumber": 67,
"temp": 57,
"hum": 92
}
1 Simulation running


Browse
Action
Device Types
Interfaces
Add Device
Device ID
Status
Device Type
Class ID
Date Added
12345_1
Connected
12345
Device
Nov 2, 2022 3:06 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
{"randomNumber":98,"temp":45,"hum":85}
json
a few seconds ago
event_1
{"randomNumber":80,"temp":47,"hum":95}
json
a few seconds ago
event_1
{"randomNumber":42,"temp":67,"hum":91}
json
a few seconds ago
event_1
{"randomNumber":95,"temp":43,"hum":86}
json
a few seconds ago
event_1
{"randomNumber":74,"temp":50,"hum":91}
1 Simulation running