Gas Leakage monitoring & Alerting system for Industries

Date	5 November 2022
Team ID	PNT2022TMID33933
Project Name	Gas Leakage Monitoring And Alerting System For Industries

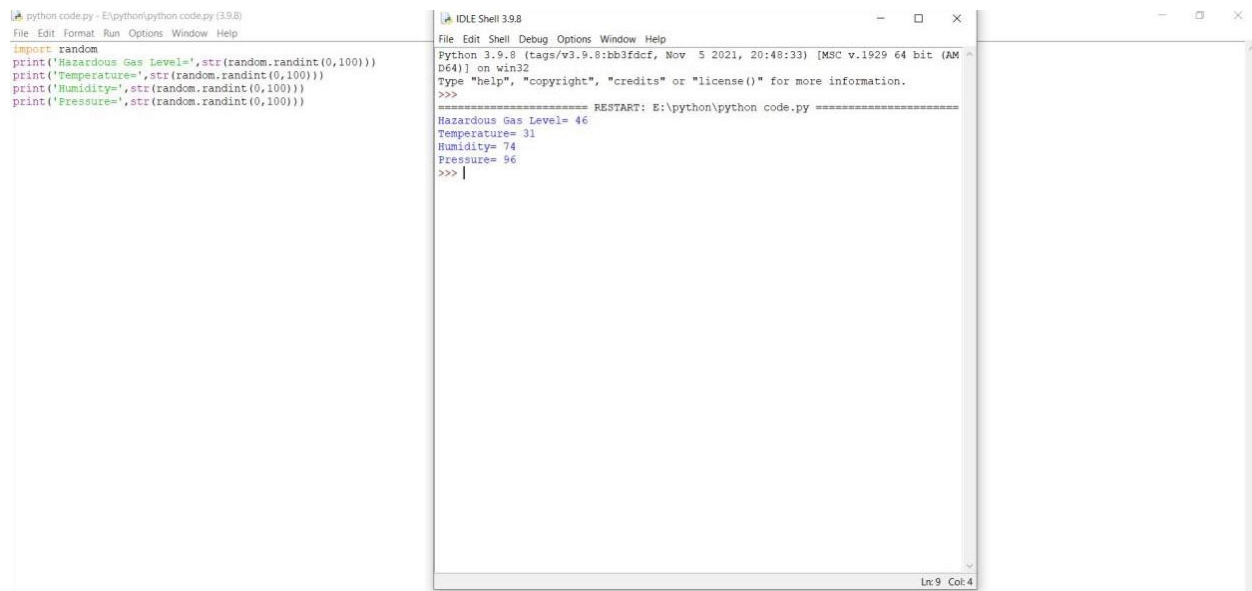**Python Code:**

```python
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

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
eventflow	{"Gas":87,"temperature":12,"humidity":65,"pres...	json	a few seconds ago
eventflow	{"Gas":79,"temperature":89,"humidity":11,"pres...	json	a few seconds ago
eventflow	{"Gas":58,"temperature":10,"humidity":86,"pres...	json	a few seconds ago
eventflow	{"Gas":58,"temperature":13,"humidity":59,"pres...	json	a minute ago
eventflow	{"Gas":20,"temperature":47,"humidity":49,"pres...	json	a minute ago

1 Simulation running

IBM Watson IoT Platform

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Event	Value
eventflow	{"Gas":79,"temperature":89,"humidity":11,"pres...
eventflow	{"Gas":58,"temperature":10,"humidity":86,"pres...
eventflow	{"Gas":58,"temperature":13,"humidity":59,"pres...
eventflow	{"Gas":20,"temperature":47,"humidity":49,"pres...

Device Type: Amigos

Event type name   eventflow   Send

Schedule

1   Every Minute

Payload
Specify the event payload in the editor window or by uploading a CSV file.

```
0  {
1    "Gas": random(0, 100),
2    "temperature":random(0,100),
3    "humidity":random(0,100),
4    "pressure":random(0,100)
5  }
6
```

Cancel   Save

Items per page 50 | 1–2 of 2 items   1 of 1 page   1