PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	13 NOVEMBER 2022
Team ID	PNT2022TMID14603
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:
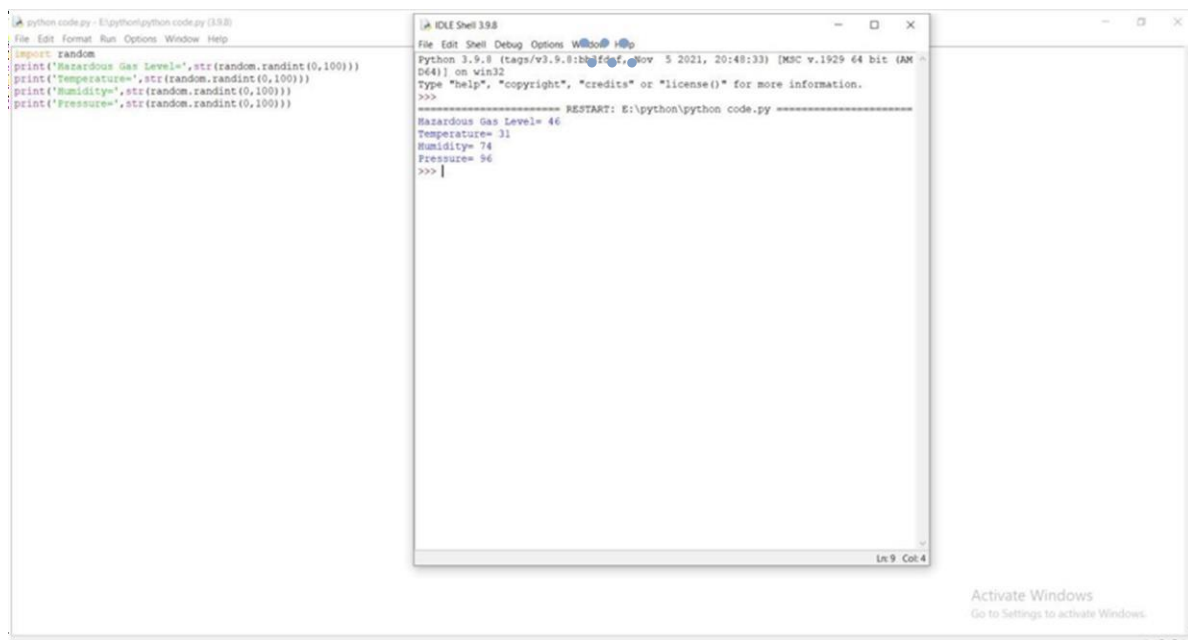
Browse   Action   Device Types   Interfaces   Add Device +

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
∨ ■	12345	Disconnected	Nagarajan	Device	Oct 31, 2022 11:38 AM	→ ...

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":88,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":20,"Temperature":36,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":79,"Temperature":56,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":52,"Temperature":82,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":26,"Temperature":33,"Humidit...	json	a few seconds ago

---

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	Last Receive
event_1	{"Hazardous Gas":57,"Temperature":98,"Humidit...	json	a few secon
event_1	{"Hazardous Gas":3,"Temperature":35,"Humidity...	json	a few secon
event_1	{"Hazardous Gas":69,"Temperature":74,"Humidit...	json	a few secon
event_1	{"Hazardous Gas":85,"Temperature":51,"Humidit...	json	a few secon
event_1	{"Hazardous Gas":92,"Temperature":35,"Humidit...	json	a few secon

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‹   Device Type: Nagarajan   ∨

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.**

```
0  {
1      "Hazardous Gas": random(0, 100),
2      "Temperature": random(0, 100),
3      "Humidity": random(0, 100),
4      "Pressure": random(0, 100)
5  }
6
```

Cancel   Save