

PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	19 NOVEMBER 2022
Team ID	PNT2022TMID00558
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:

IdentityDevice InformationRecent EventsStateLogs

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

BrowseActionDevice TypesInterfaces

Browse Devices

All DevicesDiagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different 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
98765	Disconnected	sneha	Device

Items per page 50 | 1-1 of 1 item

Device Type: sneha

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.

```
0 {
1   "Hazardous gas": random(0, 100),
2   "Temperature": random(0, 100),
3   "Humidity": random(0, 100),
4   "Pressure": random(0, 100)
5 }
6
7
```

CancelSave

