

PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Team ID	PNT2022TMID36685
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
Team Members Name	Divya S, Monishwari N, Narmatha N

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

112819106013@smartinternz.com
ID: 2bavDi

Browse

Action

Device Types

Interfaces

Add Device +

9849

Disconnected

Narmathan

Device

Nov 17, 2022 10:23 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":21,"Temperature":66,"Humidity":8...	json	a few seconds ago
event_1	{"Hazardous":89,"Temperature":87,"Humidity":3...	json	a few seconds ago
event_1	{"Hazardous":34,"Temperature":91,"Humidity":6...	json	a few seconds ago
event_1	{"Hazardous":99,"Temperature":92,"Humidity":6...	json	a few seconds ago
event_1	{"Hazardous":16,"Temperature":23,"Humidity":3...	json	a few seconds ago

4 Simulations running

IBM Watson IoT Platform

112819106004@smartinternz.com
ID: p9o7pu

Browse

Action

Device Types

Interfaces

Add Device +

1107

Disconnected

divya.s

Device

Nov 3, 2022 8:01 PM

→ ...

7339

Disconnected

DIVYA

Device

Nov 17, 2022 1:56 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":45,"Temperature":65,"Humidit...	json	a few seconds ago
event_1	{"Hazardous gas":100,"Temperature":40,"Humid...	json	a few seconds ago
event_1	{"Hazardous gas":22,"Temperature":67,"Humidit...	json	a few seconds ago

2 Simulations running

divya.s_1

Disconnected

divya.s