

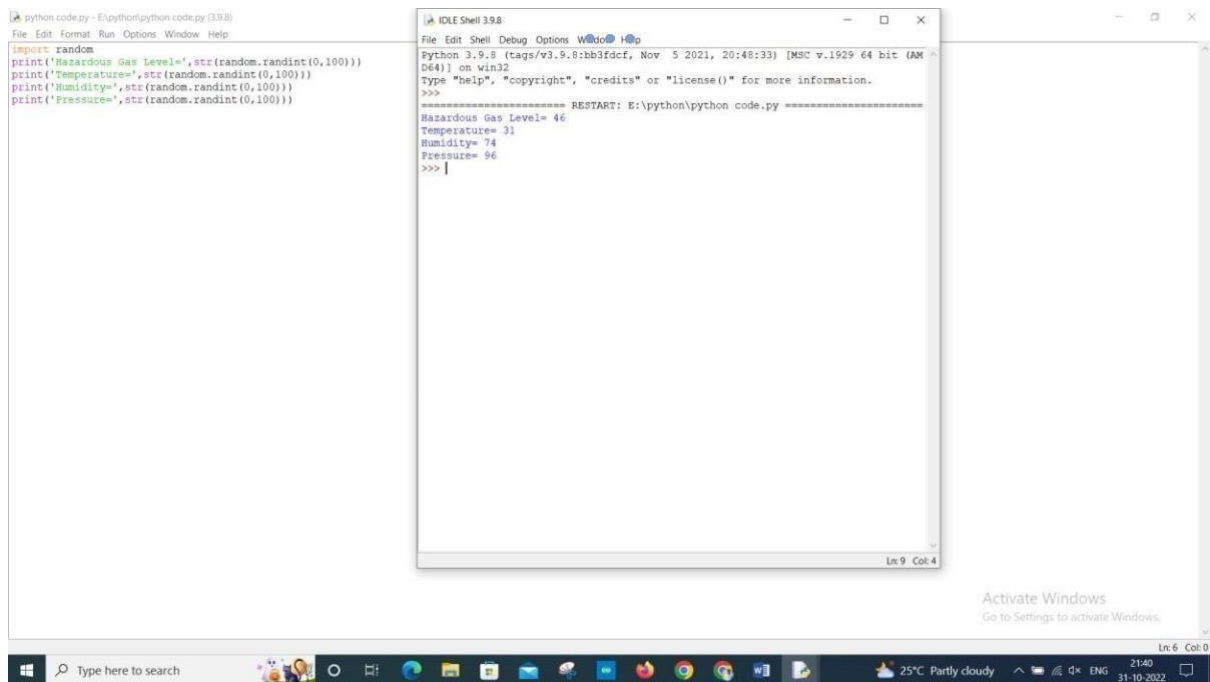
## PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	16 NOVEMBER 2022
Team ID	PNT2022TMID20972
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:



IBM Watson IoT Platform

211719106050@smartinternz.com  
ID: yc0zyz

Browse

Action

Device Types

Interfaces

Add Device

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_2	{"Hazardous gas":64,"Temperature":23,"Humidit...	json	a few seconds ago
event_2	{"Hazardous gas":60,"Temperature":60,"Humidit...	json	a few seconds ago
event_2	{"Hazardous gas":85,"Temperature":73,"Humidit...	json	a few seconds ago
event_2	{"Hazardous gas":72,"Temperature":66,"Humidit...	json	a few seconds ago
event_2	{"Hazardous gas":98,"Temperature":32,"Humidit...	json	a few seconds ago

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1 Simulation running

IBM Watson IoT Platform

b11m3edevicetid

Disconnected

b11m3edevicetype

Device

ultrasonic\_sensor

Disconnected

ESP32\_controller

Device

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_2	{"Hazardous gas":20,"Temperature":61,"Humidit...	json	a few seconds ago
event_2	{"Hazardous gas":72,"Temperature":5,"Humidity...	json	a few seconds ago
event_2	{"Hazardous gas":38,"Temperature":19,"Humidit...	json	a few seconds ago
event_2	{"Hazardous gas":92,"Temperature":51,"Humidit...	json	a few seconds ago
event_2	{"Hazardous gas":33,"Temperature":48,"Humidit...	json	a few seconds ago

Device Type: ESP32\_controller

Events 1

New event type

Event type name event\_2

Send

Schedule

50

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