

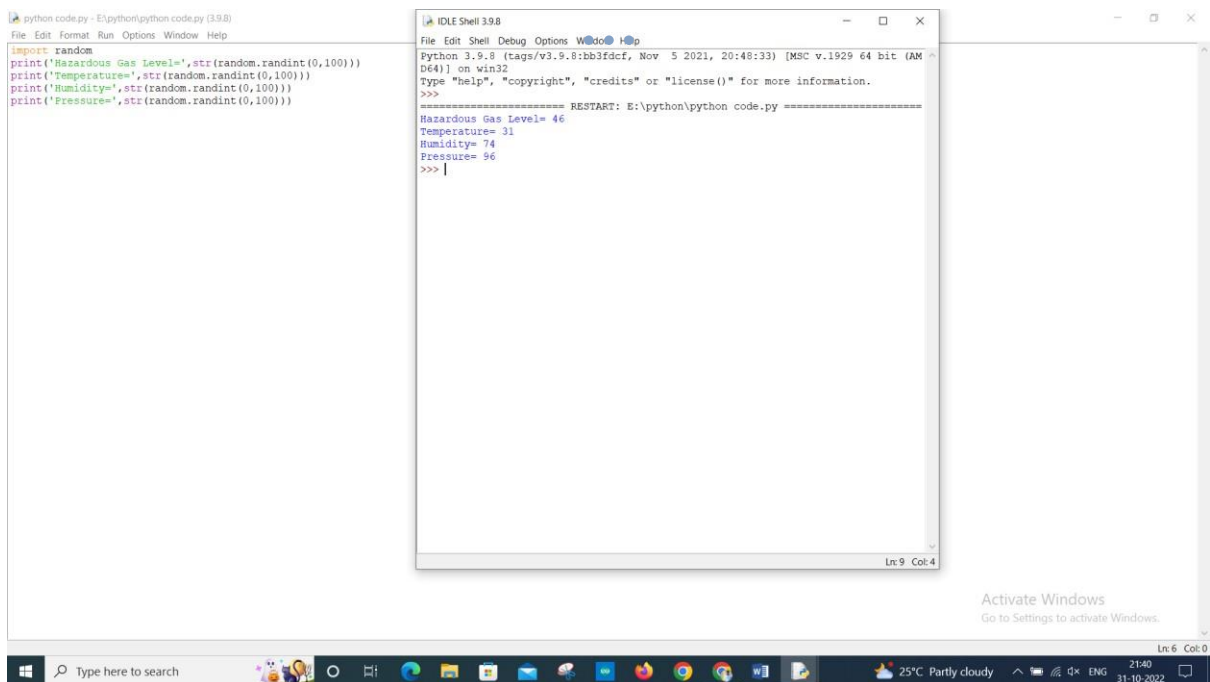
# PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	3 NOVEMBER 2022
Team ID	PNT2022TMID05277
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

12345 Disconnected Device Oct 31, 2022 11:38 AM

Identify 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":57,"Temperature":98,"Humidit..."}	json	a few seconds ago
event_1	{"Hazardous Gas":3,"Temperature":35,"Humidity..."}	json	a few seconds ago
event_1	{"Hazardous Gas":69,"Temperature":74,"Humidit..."}	json	a few seconds ago
event_1	{"Hazardous Gas":85,"Temperature":51,"Humidit..."}	json	a few seconds ago
event_1	{"Hazardous Gas":92,"Temperature":35,"Humidit..."}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

1 Simulation running

Activate Windows  
Go to Settings to activate Windows.

Type here to search

25°C Partly cloudy 21:41 31-10-2022

IBM Watson IoT Platform

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Items per page 50 | 1-1 of 1 item

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

Activate Windows  
Go to Settings to activate Windows.