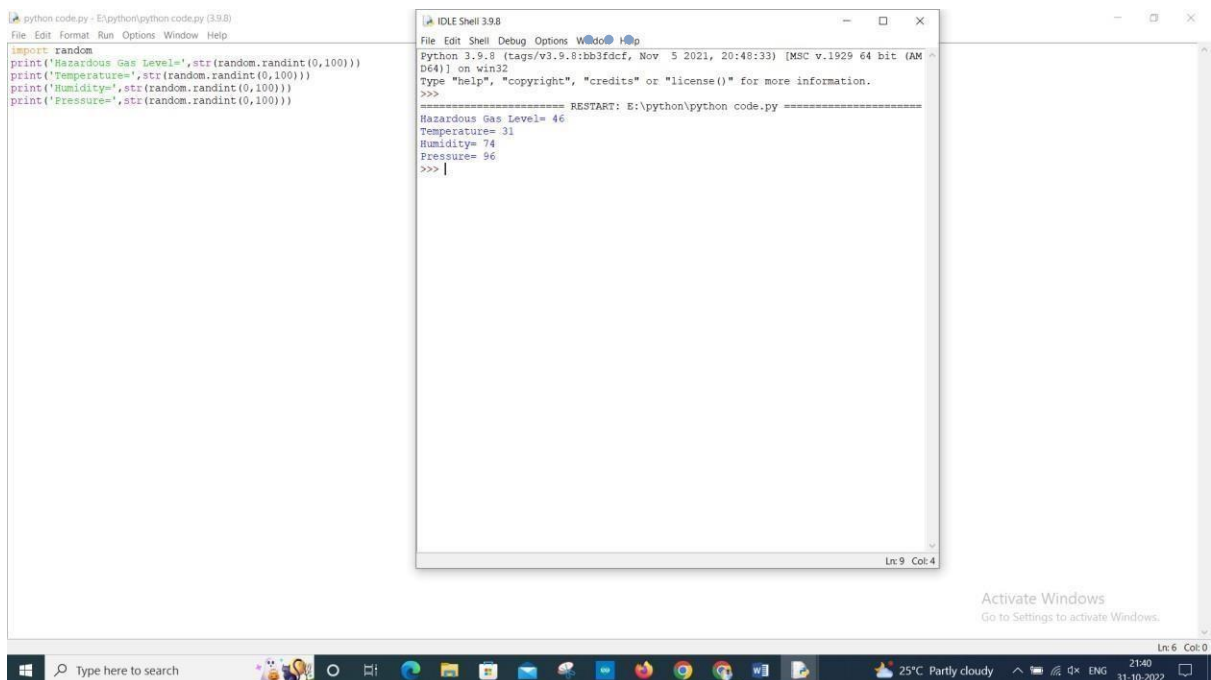


# PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	15 NOVEMBER 2022
Team ID	PNT2022TMID13097
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

PYTHON CODE import random  
print('Random number',str(random.randint(0,100)))  
print('Temperature=',str(random.randint(0,100)))  
print('Humidity=',str(random.randint(0,100)))

## OUTPUT:



```
python code.py - E:\python\python code.py (3.9.8)
File Edit Format Run Options Window Help
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)))

IDLE Shell 3.9.8
Python 3.9.8 (tags/v3.9.8:bb3fddf, Nov 5 2021, 20:48:33) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\python\python code.py =====
Hazardous Gas Level= 46
Temperature= 31
Humidity= 74
Pressure= 96
>>> |
```

Activate Windows  
Go to Settings to activate Windows.

25°C Partly cloudy 21:40 31-10-2022

IBM Watson IoT Platform

130719106304@smartinternz.com  
ID: 1bj25c

Browse Action Device Types

Search by Device ID

Device ID

12345\_1

Identity Device

The recent events listed

Event Value

event\_1 [{"randomNumber": 67, "temp": 57, "hum": 92}]

event\_1 [{"randomNumber": 23, "temp": 44, "hum": 84}]

1.5 Simulation running

26°C Rain to stop

Event Payload

Event Name event\_1

Time Received Nov 2, 2022 3:07 PM

```
1 [{"randomNumber": 67,
2   "temp": 57,
3   "hum": 92}]
4
5 ]
```

Device Simulator

IBM Watson IoT Platform

130719106304@smartinternz.com  
ID: 1bj25c

Browse Action Device Types Interfaces

Device ID Status Device Type Class ID Date Added

12345\_1 Connected 12345 Device Nov 2, 2022 3:06 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	{"randomNumber":98,"temp":45,"hum":85}	json	a few seconds ago
event_1	{"randomNumber":80,"temp":47,"hum":95}	json	a few seconds ago
event_1	{"randomNumber":42,"temp":67,"hum":91}	json	a few seconds ago
event_1	{"randomNumber":95,"temp":43,"hum":86}	json	a few seconds ago
event_1	{"randomNumber":74,"temp":50,"hum":91}	json	a few seconds ago

1 Simulation running

26°C Rain to stop