

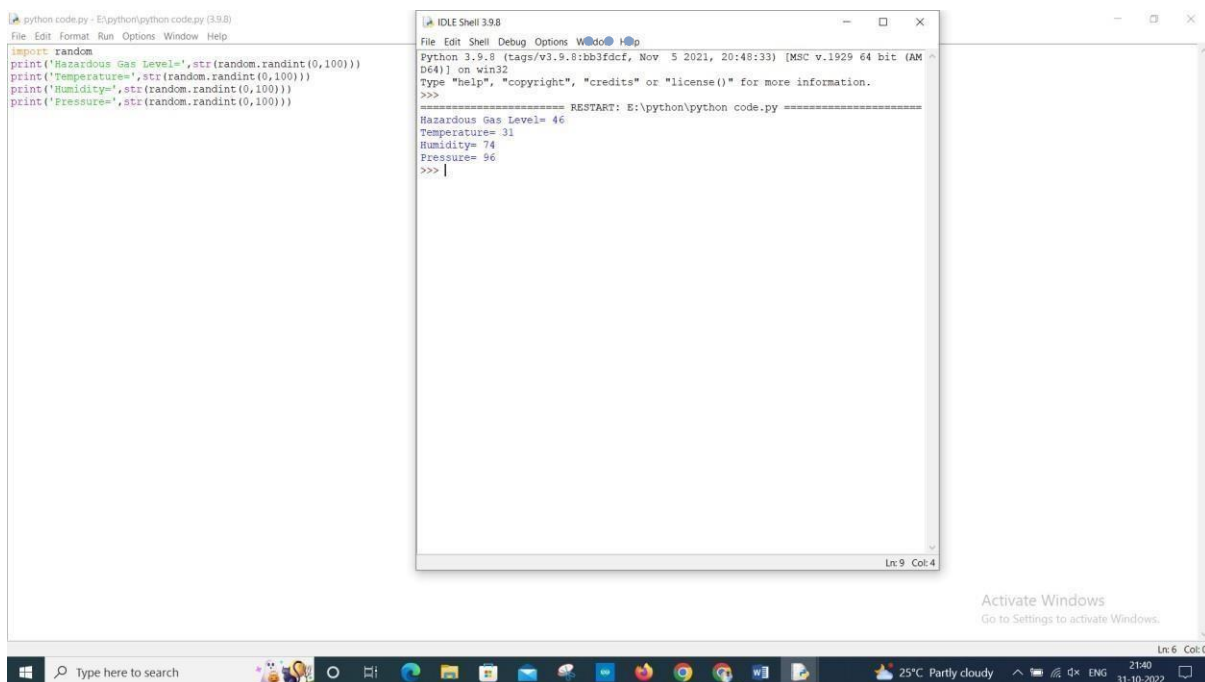
# PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	18 NOVEMBER 2022
Team ID	PNT2022TMID42163
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:



The screenshot shows the IDLE Shell 3.9.8 window with the following output:

```
Python 3.9.8 (tags/v3.9.8:bb3fcdcf, 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
>>> |
```

IBM Watson IoT Platform

623519106013@smartinternz.com  
ID: 4ffomx

Browse

Action

Device Types

Interfaces

random\_1

Disconnected

random

Device

Nov 19, 2022 12:14 PM

...

Identity

Device Information

Recent Events

State

Logs

X

Device ID

random\_1

Device Type

random

Date Added

Nov 19, 2022 12:14 PM

Added By

623519106013@smartinternz.com

Connection Status

Disconnected

Items per page 50

1-2 of 2 items

1 of 1 page

<

1

>

1 Simulation running

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Browse

Action

Device Types

Interfaces

random\_1

Disconnected

random

Device

Nov 19, 2022 12:14 PM

...

Identity

Device Information

Recent Events

State

The recent events listed show the live stream of data that is coming and going

Event

Value

event\_1

{"temperature":90}

event\_1

{"temperature":68}

event\_1

{"pressure":86}

event\_1

{"humidity":33}

event\_1

{"temperature":36}

Device Type: random

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 "temperature": random(0, 100)

2 "humidity": random(0, 100)

3 "pressure": random(0, 100)

4 }

json

a few seconds ago

...