

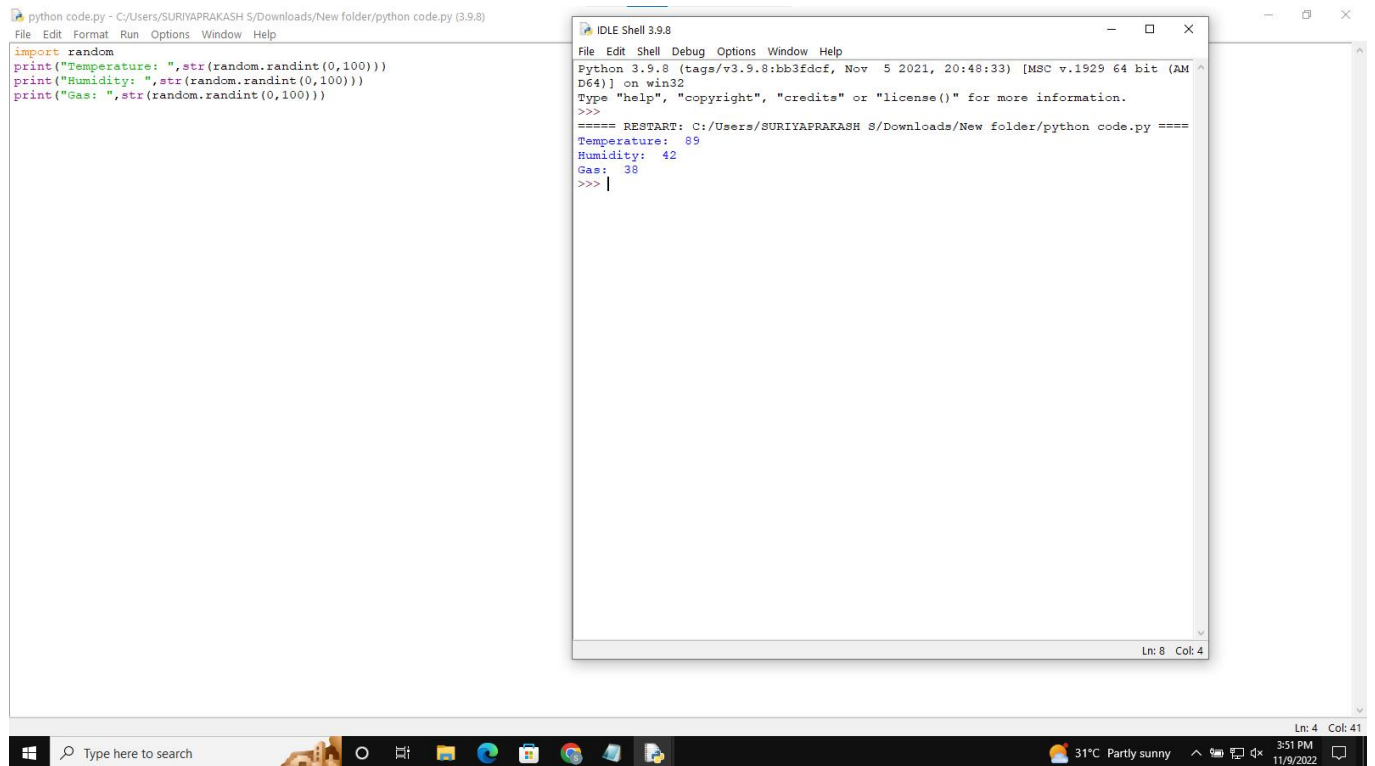
PYTHON CODE (GAS, TEMPERATURE, HUMIDITY)

Team ID	PNT2022TMID33446
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
Team members	Suriyaprakash S, Rajesh G, Ragul R, Sujith M.

Python Code:

```
import random
print("Temperature: ",str(random.randint(0,100)))
print("Humidity: ",str(random.randint(0,100)))
print("Gas: ",str(random.randint(0,100)))
```

OUTPUT:



The screenshot shows a Python script in a text editor and its execution in the IDLE Shell. The script generates random values for Temperature, Humidity, and Gas. The output shows the results of these randomizations.

```
python code.py - C:/Users/SURIYAPRAKASH S/Downloads/New folder/python code.py (3.9.8)
File Edit Format Run Options Window Help
import random
print("Temperature: ",str(random.randint(0,100)))
print("Humidity: ",str(random.randint(0,100)))
print("Gas: ",str(random.randint(0,100)))

IDLE Shell 3.9.8
File Edit Shell Debug Options Window Help
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: C:/Users/SURIYAPRAKASH S/Downloads/New folder/python code.py =====
Temperature: 89
Humidity: 42
Gas: 38
>>> |
```

IBM

Service Details - IBM Cloud

IBM Watson IoT Platform

(no subject) - ssp070701@gmail.c...

+

u0b4fr.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

spsp200572@gmail.com
ID: u0b4fr

Browse

Action

Device Types

Interfaces

Add Device

>

070701

Disconnected

TestdriveDevice

Device

Nov 8, 2022 4:27 PM

▼

TestdriveDevice_1

Connected

TestdriveDevice

Device

Nov 8, 2022 9:36 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	{"gas":5,"temp":4,"hum":78}	json	a few seconds ago
event_1	{"gas":78,"temp":78,"hum":93}	json	a few seconds ago
event_1	{"gas":85,"temp":9,"hum":51}	json	a few seconds ago
event_1	{"gas":20,"temp":58,"hum":81}	json	a few seconds ago
event_1	{"gas":34,"temp":36,"hum":37}	json	a few seconds ago

1 Simulation running

Type here to search

30°C Partly sunny 2:56 PM 11/9/2022

...