

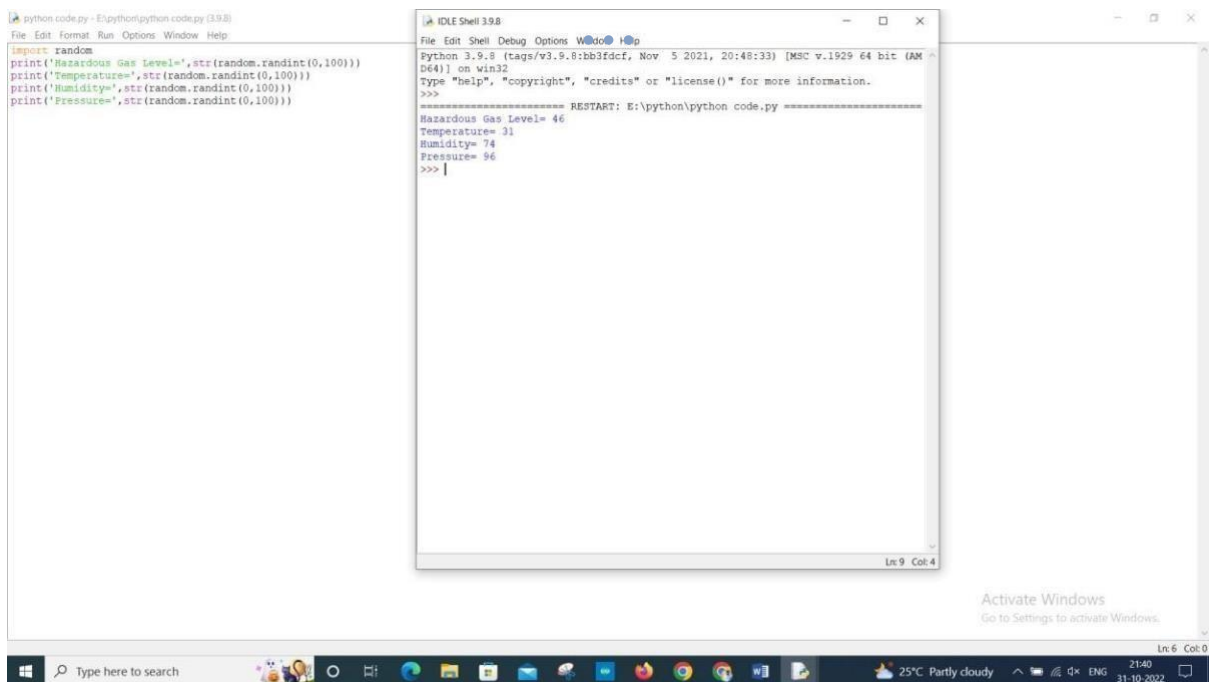
PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	15 NOVEMBER 2022
Team ID	PNT2022TMID26516
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: ycdzyz

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

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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

Items per page 50 | 1-2 of 2 items

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