PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

DOMAIN: IOT

PROJECT TITLE: GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES.

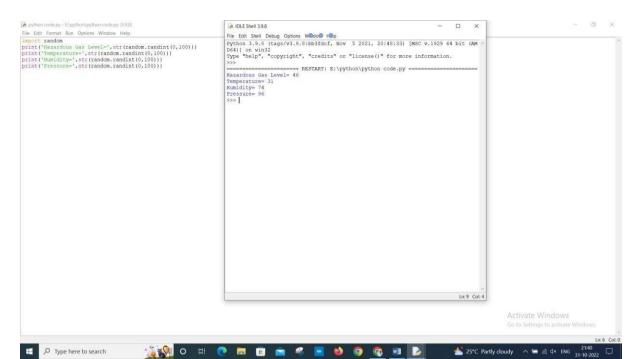**TEAM ID**: PNT2022TMID15976
Team Leader : Dommaraju Nikhilvarma
Team member : Govindu Hitesh Reddy
Team member : Chandel Deepak Singh
Team member : Dumpa Rami Reddy
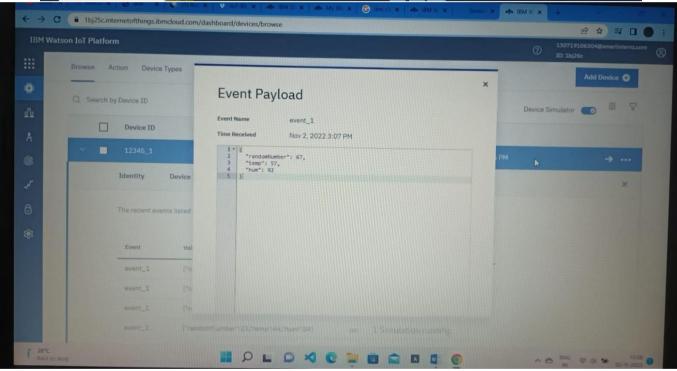
PYTHON CODE import random print('Random number

=',str(random.randint(0,100)))

print('Temperature=',str(random.randint(0,100)))

print('Humidity=',str(random.randint(0,100)))

OUTPUT:

```python
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)))
```
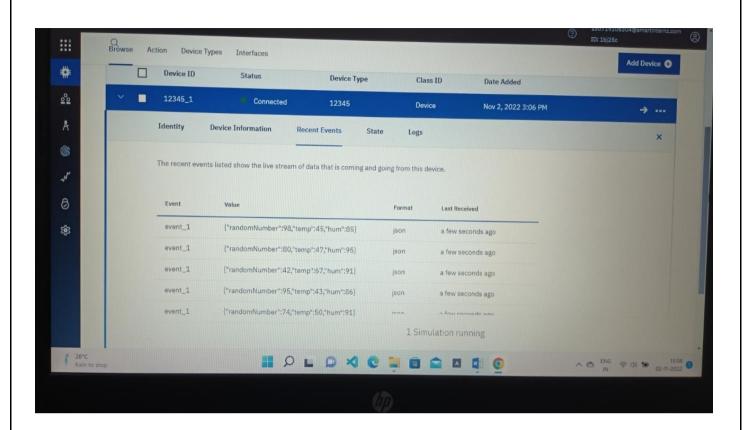
IDLE Shell 3.9.8

```
Python 3.9.8 (tags/v3.9.8:bb3fdcf, Nov  5 2021, 20:48:33) [MSC v.1929 64 bit (AM
D64)] 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

Event Payload

Event Name   event_1

Time Received   Nov 2, 2022 3:07 PM

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

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