PYTHON CODE (GAS, TEMPERATURE, HUMIDITY)

Team ID	PNT2022TMID43704
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
Team members	GOLLA VEENA, NISHWANTH KUMAR.M, DHAYALAN.G, MOHAMAD YUSUF.S

Python Code:

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

OUTPUT:

gas leakage monitoring system.py - C:/python/Python37/gas leakage monitoring system.py ...

File Edit Format Run Options Window Help

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

Python 3.7.4 Shell

File Edit Shell Debug Options Window Help

```
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019
, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()
" for more information.
>>>
======== RESTART: C:/python/Python37/gas leakage
monitoring system.py ========
Temperature:  32
Humidity:  59
Gas:  55
>>>
```

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