

PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

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Team ID	PNT2022TMID15784
Project Name	Gas Leakage Monitoring and Alerting System

PYTHON CODE

```
import random  
print('Hazardous gas =',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 image shows a Windows desktop with two open Python IDE windows. The left window is titled "IDLE Shell 3.11.0" and displays the output of a Python script after a restart. The output shows four variables: Hazardous Gas Level= 35, Temperature= 23, Humidity= 53, and Pressure= 46. The right window is titled "gas.py - C:/Users/Admin/AppData/Local/Programs/Python/Python311/gas.py (3.11.0)" and shows the source code of the script. The code imports the random module and prints four random values for Hazardous Gas Level, Temperature, Humidity, and Pressure, each formatted as a string with a label and a value.

```
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/Admin/AppData/Local/Programs/Python/Python311/gas.py ====
Hazardous Gas Level= 35
Temperature= 23
Humidity= 53
Pressure= 46
>>>
```

```
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)))
```