

PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	3 NOVEMBER 2022
Team ID	PNT2022TMID12971
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

PYHTON 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:



The screenshot displays a Windows desktop environment. On the left, a window titled 'python code.py - E:\python\python code.py (3.9.8)' contains the following 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)))
```

Overlaid on this is a smaller window titled 'IDLE Shell 3.9.8'. It shows the output of the code after execution:

```
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: E:\python\python code.py =====
Hazardous Gas Level= 46
Temperature= 31
Humidity= 74
Pressure= 56
>>> |
```

The taskbar at the bottom shows the Windows Start button, a search bar, and several application icons. The system tray on the right indicates a temperature of 25°C, 'Partly cloudy' weather, and the date/time as 21:40 on 31-10-2022.