

## PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

<b>Date</b>	11 NOVEMBER 2022
<b>Team ID</b>	PNT2022TMID53804
<b>Project Name</b>	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 Python IDE window titled 'python code.py - E:\python\python code.py (3.9.8)' is open, showing a script that imports the 'random' module and prints four random values: 'Hazardous Gas Level', 'Temperature', 'Humidity', and 'Pressure'. On the right, an 'IDLE Shell 3.9.8' window shows the output of the script, which includes a restart message and the generated random values. The Windows taskbar at the bottom shows the search bar, several application icons, and system status information including the date and time.

```
python code.py - E:\python\python code.py (3.9.8)
File Edit Format Run Options Window Help
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
File Edit Shell Debug Options Window Help
Python 3.9.8 (tags/v3.9.8:bb3f9cf, 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= 96
>>> |
```

Activate Windows  
Go to Settings to activate Windows.

Type here to search 25°C Partly cloudy 21:40 31-10-2022