

PYTHON CODE

Team ID	PNT2022TMID53571
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Source Code:

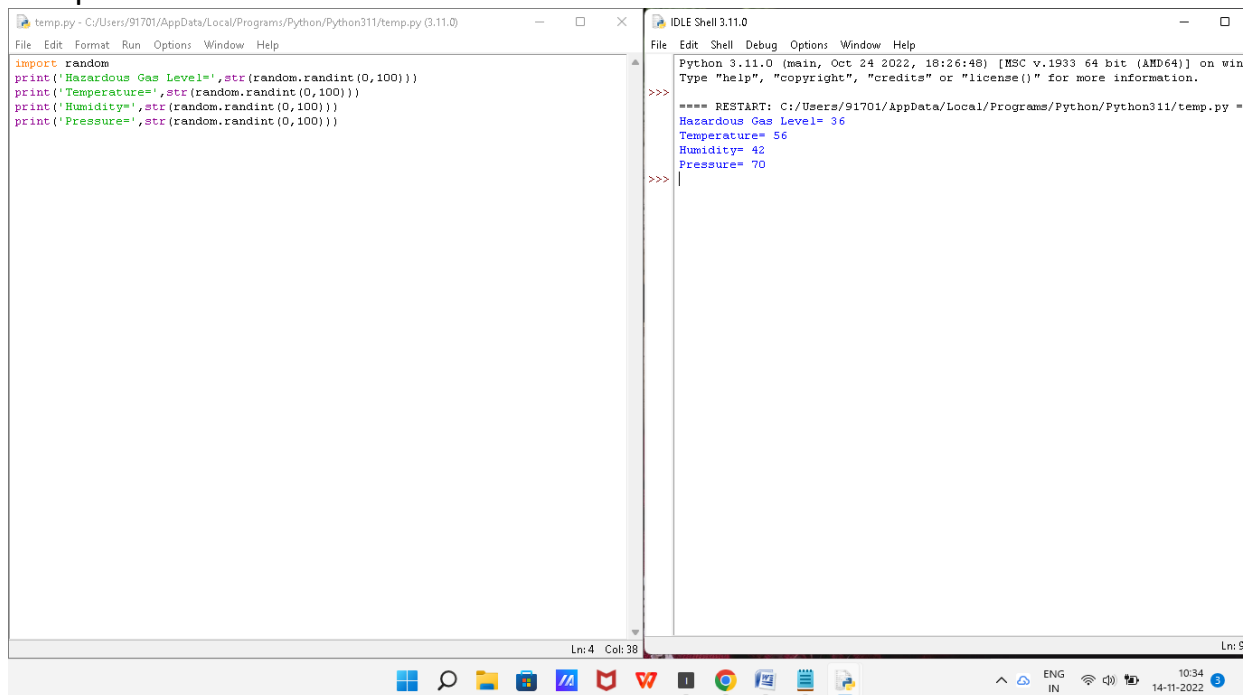
```
import random

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 Python IDE with two windows. The left window, titled 'temp.py', contains the source code for a program that generates random values for hazardous gas level, temperature, humidity, and pressure. The right window, titled 'IDLE Shell 3.11.0', shows the output of the program, which consists of four lines of text: 'Hazardous Gas Level= 36', 'Temperature= 56', 'Humidity= 42', and 'Pressure= 70'. The output is displayed in a monospaced font with blue text on a white background. The IDE's status bar at the bottom shows the current line and column numbers for both windows.

```
temp.py - C:/Users/91701/AppData/Local/Programs/Python/Python311/temp.py (3.11.0)
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)))

Ln: 4 Col: 38

IDLE Shell 3.11.0
File Edit Shell Debug Options Window Help
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/91701/AppData/Local/Programs/Python/Python311/temp.py =
Hazardous Gas Level= 36
Temperature= 56
Humidity= 42
Pressure= 70
>>>
|

Ln: 5
```

