

PYTHON CODE

Team ID	PNT2022TMID54370
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Source Code:

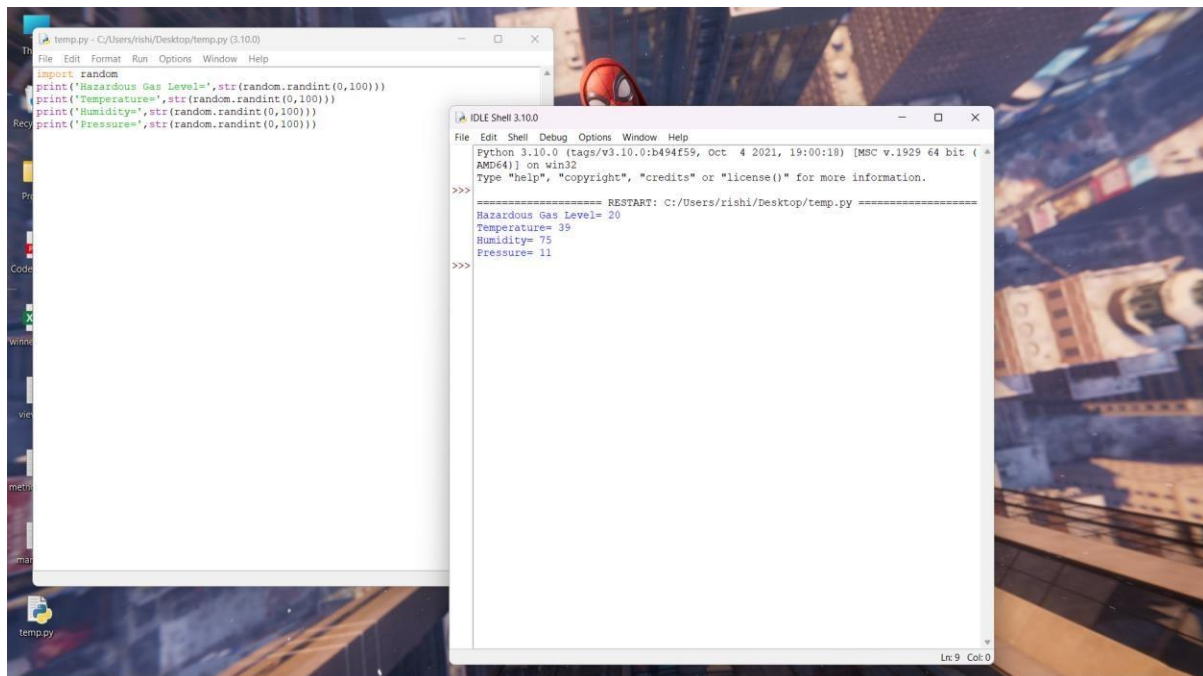
```
import random

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:

A screenshot of a Python IDE (IDLE 3.10.0) with a Spider-Man desktop background. The editor window on the left shows the source code for 'temp.py'. The shell window on the right shows the output of the program, which includes a restart message and the generated values for Hazardous Gas Level, Temperature, Humidity, and Pressure.

```
temp.py - C:/Users/rishi/Desktop/temp.py (3.10.0)
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)))

IDLE Shell 3.10.0
File Edit Shell Debug Options Window Help
Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2021, 19:00:18) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/rishi/Desktop/temp.py =====
Hazardous Gas Level= 20
Temperature= 39
Humidity= 75
Pressure= 11
>>>
```

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2 | "temp": random(10,88)

d@b

The recent events listed show the live stream of data that is coming and going from this device.

| Simulation running