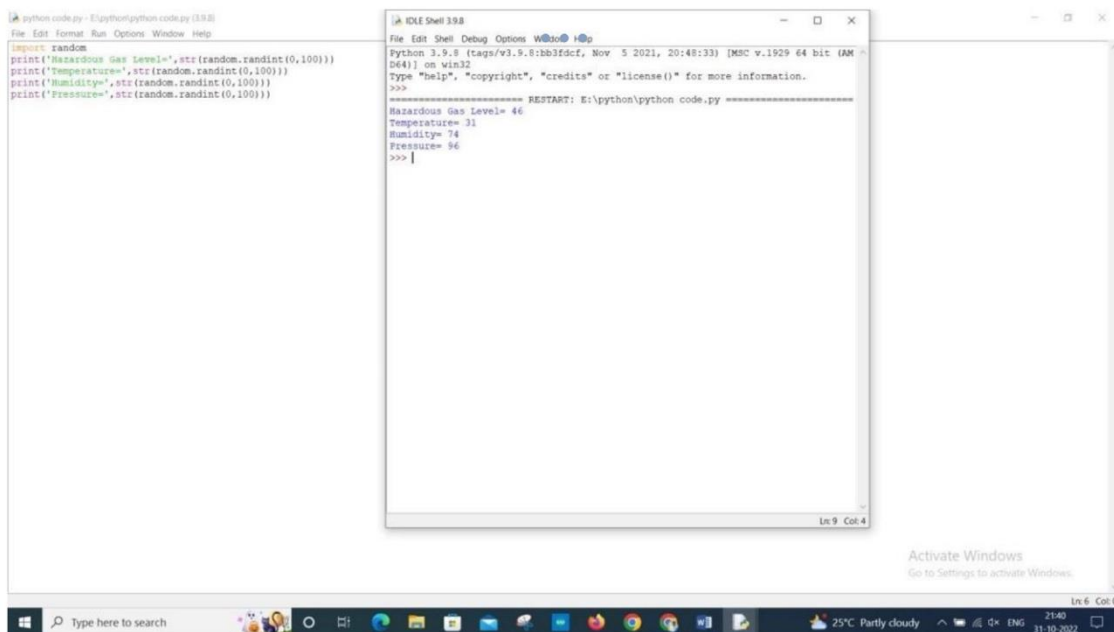


PYTHON SCPRIT(WATER ,TEMPERATURE, HUMIDITY,PRESSURE)

| | |
|---------------|-----------------------------------------------------------------------------------|
| Date | 03 November 2022 |
| Team ID | PNT2022TMID07790 |
| Project Name | Project – IOT Based Real – time River Water Quality Monitoring and Control System |
| Maximum Marks | 4 Marks |

PYTHON CODE

```
import random
print('Hazardous Water 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)))
```



The screenshot shows a Python IDE with two windows. The left window displays the source code for a program that generates random values for Hazardous Gas Level, Temperature, Humidity, and Pressure. The right window shows the output of the program, which has been restarted, displaying the same four variables with new random values.

```
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)))

Python 3.9.8 (tags/v3.9.8:bb3f3cf, 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.

Ln: 6 Col: 0