

PYTHON SCPRIT

(WATER, TEMPERATURE, HUMIDITY, PRESSURE)

Date	07 November 2022
Team ID	PNT2022TMID10541
Project Name	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 image shows a screenshot of a Windows desktop with two windows. The left window is a text editor titled 'python code.py - E:\python\python code.py (3.8)' containing 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)))
```

The right window is a command prompt titled 'CMD Shell 358' showing the output of the script after execution:

```
Python 3.9.8 (tags/v3.9.8:bb1fscf, 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
>>>
```

At the bottom right of the screen, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.'