

PYTHON SCPRIT(WATER,TEMPERATURE, HUMIDITY,PRESSURE)

Date	22 November 2022
Team ID	PNT2022TMID34320
Project Name	Project – IOT Based Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

PYTHON CODE import

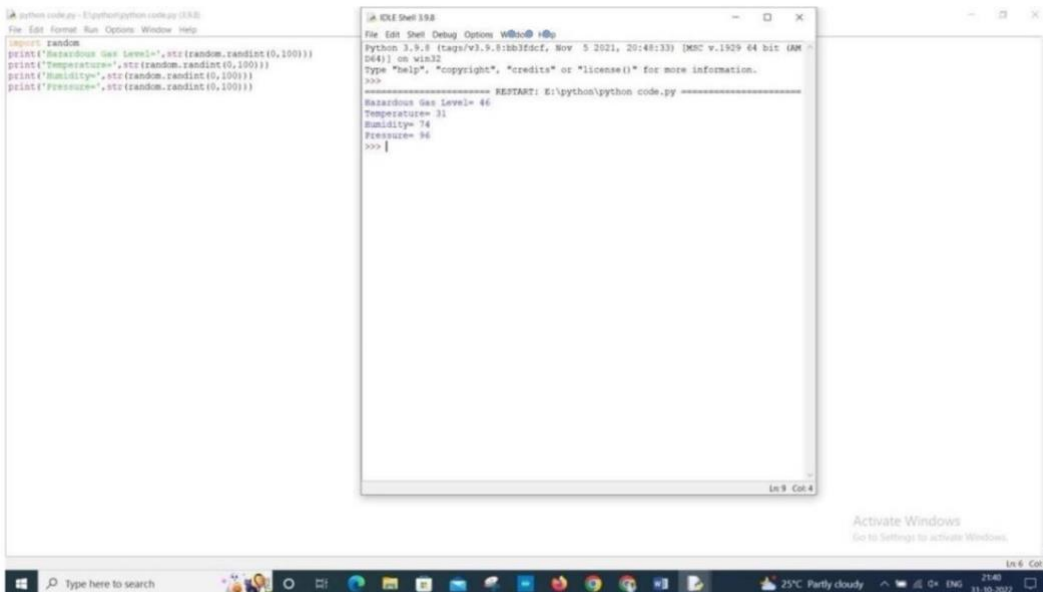
random

```
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 Python code for generating random values for Hazardous Water Level, Temperature, Humidity, and Pressure. The right window shows the output of the code, which has been executed, resulting in the following values: Hazardous Gas Level= 46, Temperature= 31, Humidity= 74, and Pressure= 96. The output is displayed in a shell window with a prompt 'C:\Python39\python.exe' and a file path 'E:\python\python code.py'.

```
python code.py - E:\python\python code.py (3.9)
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)))

C:\Python39\python.exe E:\python\python code.py
Python 3.9.5 (tags/v3.9.5:ab39fcf, 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
>>>
```