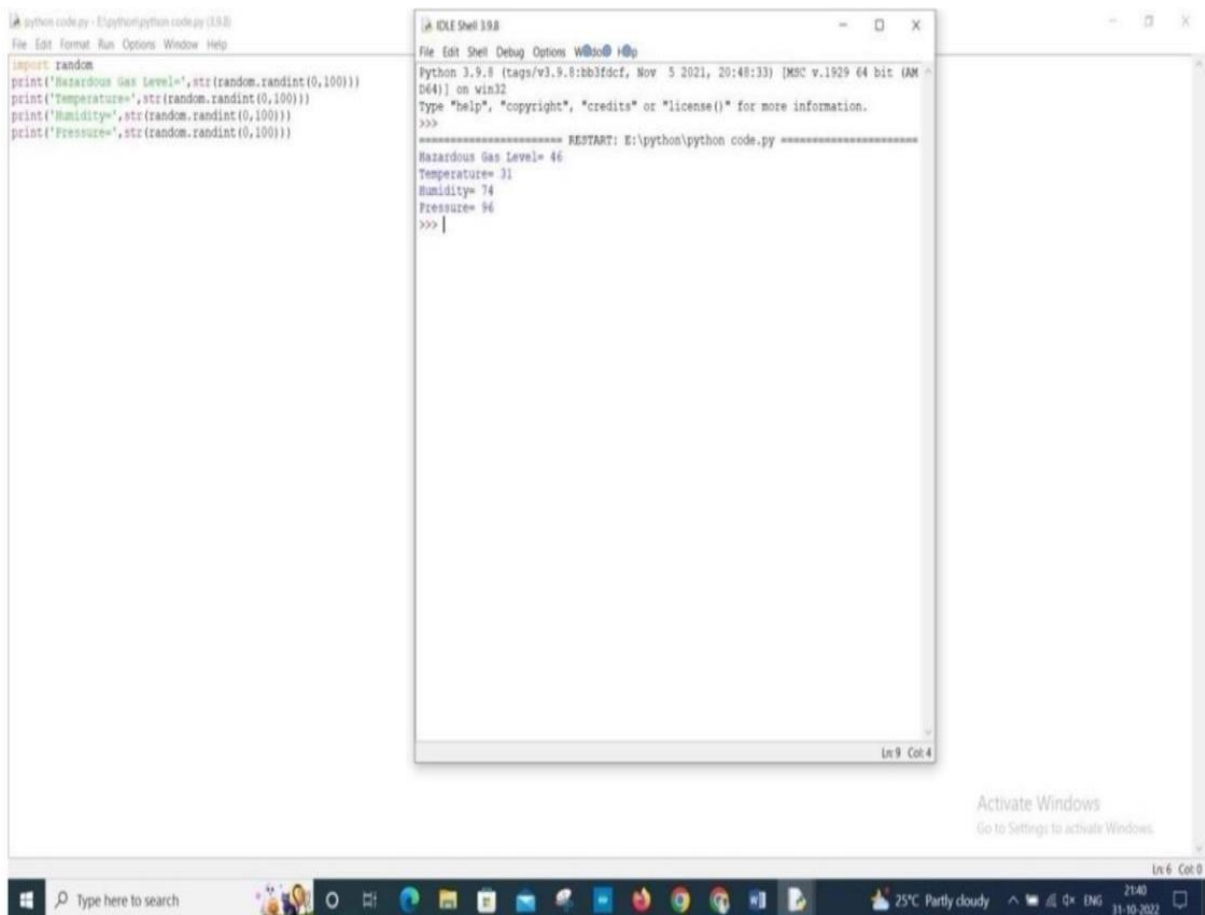


## PYTHON SCPRIT (WATER, TEMPERATURE, HUMIDITY, PRESSURE)

Date	07 November 2022
Team ID	PNT2022TMID08477
Project Name	Project – IOT Based Real – time RiverWater 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 displays a Windows desktop environment. On the left, a code editor window titled 'python code.py - E:\python\python code.py (3.9.0)' shows 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)))
```

On the right, a command prompt window titled 'CMD Shell 398' shows the execution output of the script:

```
Python 3.9.0 (tags/v3.9.0: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
>>> |
```

The Windows taskbar at the bottom shows the date as 31-10-2022 and the time as 21:40. The system tray indicates a temperature of 25°C and 'Partly cloudy' weather.