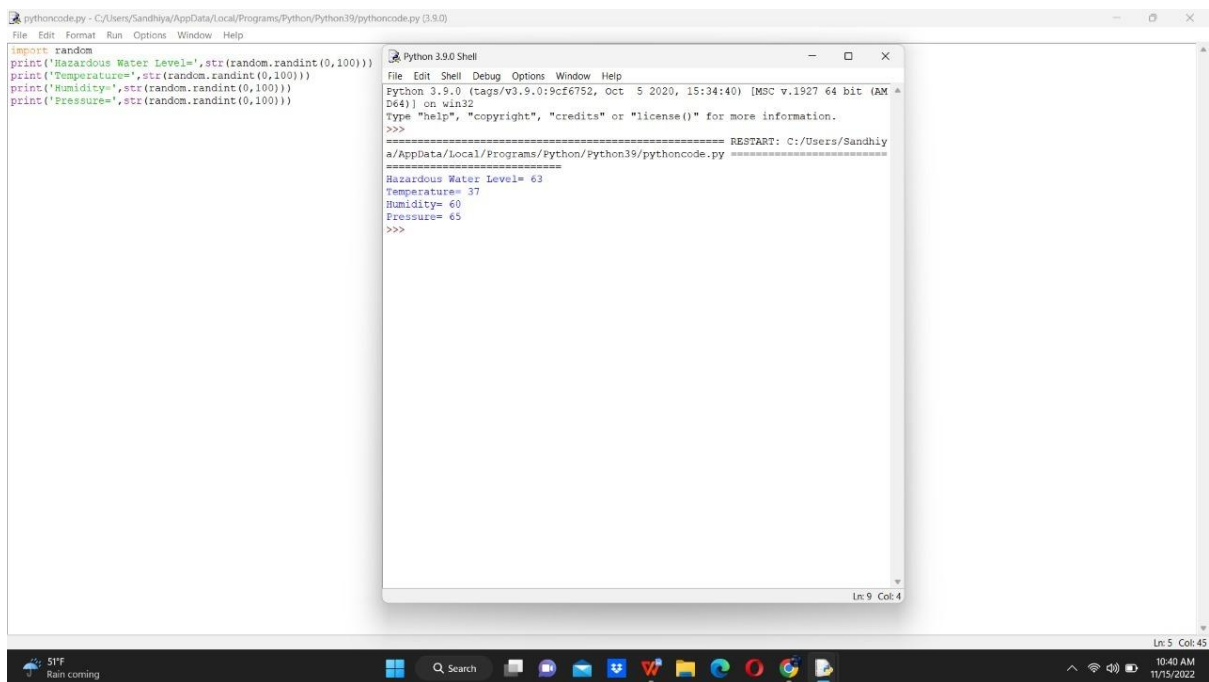


## PYTHON SCPRIT - WATER ,TEMPERATURE, HUMIDITY,PRESSURE

Date	16 November 2022
Team ID	PNT2022TMID27380
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 Windows desktop environment with a Python 3.9.0 Shell window open. The shell window displays the following output:

```
Python 3.9.0 Shell
File Edit Shell Debug Options Window Help
Python 3.9.0 (tags/v3.9.0:9c6752, Oct 5 2020, 15:34:40) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Sandhiya/AppData/Local/Programs/Python/Python39/pythoncode.py =====
Hazardous Water Level= 63
Temperature= 37
Humidity= 60
Pressure= 65
>>>
```

The background window shows the Python code being executed:

```
pythoncode.py - C:/Users/Sandhiya/AppData/Local/Programs/Python/Python39/pythoncode.py (3.9.0)
File Edit Format Run Options Window Help
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 taskbar at the bottom shows the system clock as 10:40 AM on 11/15/2022, with a weather widget indicating 51°F and rain coming.