

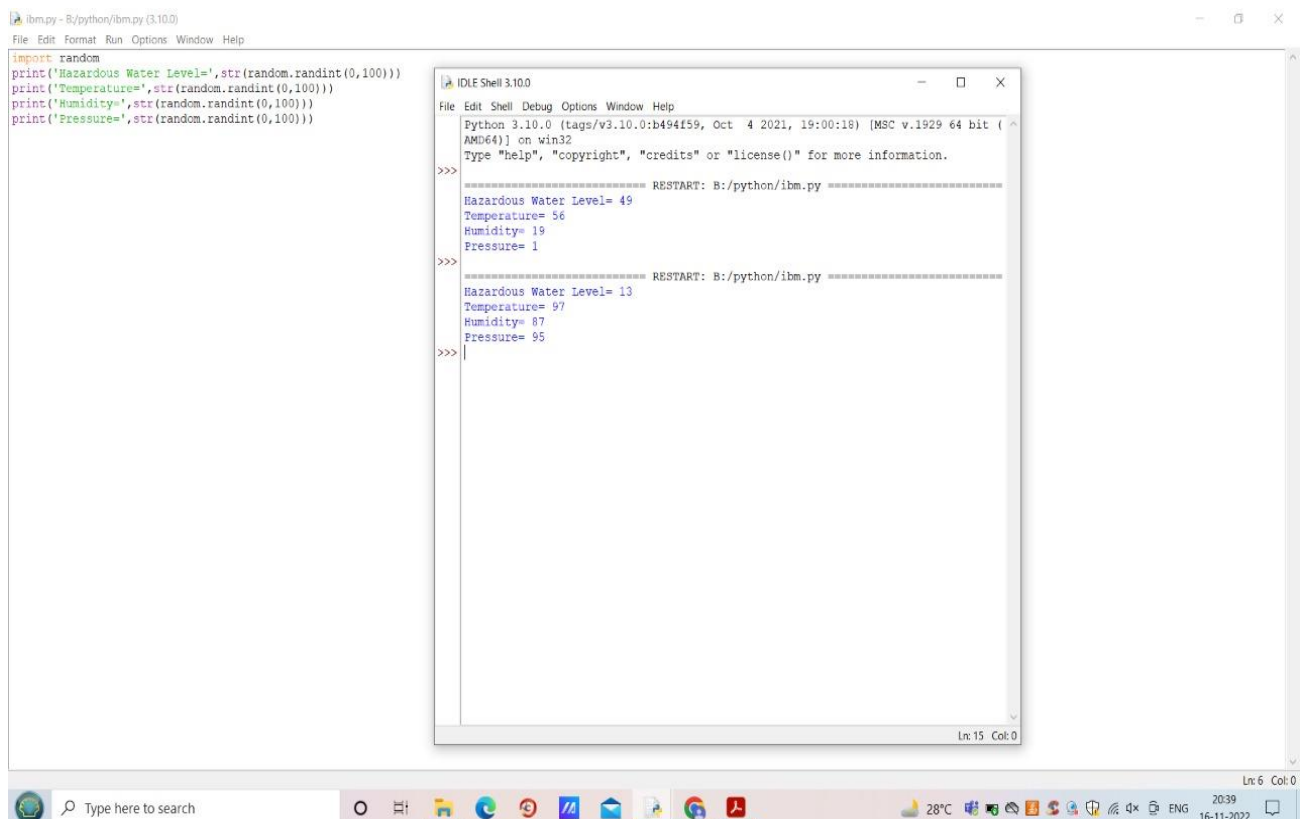
PYTHON SCPRIT

(WATER, TEMPERATURE, HUMIDITY, PRESSURE)

Date	09 November 2022
Team ID	PNT2022TMID15771
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 screenshot displays a Python IDE window titled 'ibm.py - B:/python/ibm.py (3.10.0)'. The code editor contains the following Python script:

```
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 output window, titled 'IDLE Shell 3.10.0', shows the execution results. It displays the program's output for two consecutive runs, separated by a 'RESTART' message. The first run shows:

```
Hazardous Water Level= 49
Temperature= 56
Humidity= 19
Pressure= 1
```

The second run shows:

```
Hazardous Water Level= 13
Temperature= 97
Humidity= 87
Pressure= 95
```

The taskbar at the bottom of the screen shows the system clock as 20:39 on 16-11-2022, with a temperature of 28°C.