

Software

Team ID	PNT2022TMID33916
Project Name	Real-Time River Water Quality Monitoring and Control System

The screenshot shows a Python IDE with a script titled 'IRM Assignment 2'. The script uses the 'random' and 'winsound' modules to generate random temperature and humidity values. It includes a conditional statement to check if the temperature is above 60 degrees Celsius. If it is, it prints 'High Temperature' and plays a beep sound. Otherwise, it prints 'Normal Temperature'. The terminal window shows the output of the script, indicating a restart of the program and displaying the generated temperature and humidity values.

```
#IRM Assignment 2
import random
import winsound
temp=random.randrange(0,100)
humid=random.randrange(0,100)
print("Temperature= ",temp)
if(temp>60):
    print("High Temperature")
    winsound.Beep(4460,1000)
else:
    print("Normal Temperature")
print("Humidity= ",humid)
```

```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\karth\AppData\Local\Programs\Python\Python310\idm_project2.py
Temperature= 79
High Temperature
Humidity= 79
>>>
```