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Team ID	PNT2022TMID25311
Project Name	Smart waste management system for metropolitan cities

ASSIGNMENT-2

TEMPERATURE AND HUMIDITY

```
import random
import time
while(1!=0):
    temperature = random.random()
    humidity = random.random()

    print("Temperature:", "%.5f" % temperature)
    print("Humidity:", "%.5f" % humidity)
    time.sleep(2)
    if(temperature > 0.7):
        print("high tempreature")
    if (humidity > 0.7):
        print("high humidity")
    print(" ")
```

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main.py

Run

```
1 import random
2 import time
3 while(1!=0):
4     temperature = random.random()
5     humidity = random.random()
6
7     print("Temperature:","%.5f" % temperature)
8     print("Humidity:","%.5f" % humidity)
9     time.sleep(2)
10 if(temperature > 0.7):
11     print("high temprature")
12 if (humidity > 0.7):
13     print("high humidity")
14 print(" ")
```

Shell

Clear

Temperature: 0.04608
Humidity: 0.50358
Temperature: 0.41941
Humidity: 0.75591
high humidity

Temperature: 0.53480
Humidity: 0.00107
Temperature: 0.28860
Humidity: 0.22648
Temperature: 0.93190
Humidity: 0.83342
high temprature
high humidity

Temperature: 0.91720
Humidity: 0.97631
high temprature
high humidity

Temperature: 0.41525
Humidity: 0.35103
Temperature: 0.20037

Get Started!