## **Assignment -2**

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Project Name	Smart Waste Management System for
	Metropolitan Cities

**Question:** Build a python code, Assume you get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously.

## **CODE:**

```
import random

from time import sleep

while True:
    sleep(5)
    temperature = random.randrange(0, 200, 3)
    print("\nCurrent Temperature =",temperature,end="°C\n")
    humidity = random.randrange(0, 100, 6)
    print("Current Humidity =",humidity,end="%\n\n")
    if temperature >=38:
        print("Temperature >>High - Alarm ON")

if humidity >= 75:
    print("Humidity >>High - Alarm ON")
```

```
if temperature <=38:
    print("Temperature >> Low - Alarm OFF")
if humidity <= 75:
    print("Humidity >> Low - Alarm OFF")
```

## **SCREENSHOT:**

