Assignment -2

Team ID	PNT2022TMID28587
Student Name	S SOWMIYA
Student Roll Number	312819106039
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: