INTERNET OF THINGS

ASSIGNMENT-2

Assignment Date	19 September 2022
Student Name	THIREKHA .M
Student Roll Number	SSNCE193002113
Maximum Marks	2 Marks

Question-1:

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

PYTHON CODE:

```python
import random
while True:
    hum = random.choice(range(1,100))
    print("Humidity:",hum,"%")
    temp = random.choice(range(1,100))
    print("Temperature:",temp,"degrees F")
    if temp>60:
        print("The temperature is higher")
    else:
        print("Normal Temperature")
```

```
Humidity: 85 %
Temperature: 45 degrees F
Normal Temperature
Humidity: 50 %
Temperature: 74 degrees F
The temperature is higher
Humidity: 66 %
Temperature: 38 degrees F
Normal Temperature
Humidity: 3 %
Temperature: 69 degrees F
The temperature is higher
```