

IoT ASSIGNMENT 2

PYTHON CODE

Build Python code, Generate Temperature and Humidity values (Use Random function to generate values) and write a condition to detect an alarm in case of high temperature and high Humidity.

```
import random

temperature = random.uniform(20,50)
humidity = random.uniform(30,70)

if temperature > 30:
    print("ALARM : Temperature is high" , temperature,"C")
elif humidity > 40:
    print("ALARM : Humidity is high", humidity,"%")
else:
    print("Temperature is : ",temperature, "C")
    print("Humidity is : ",humidity,"%" )
```

OUTPUT:

Shell
Temperature is : 23.329320952266947 C Humidity is : 32.35526265699562 % >