

## TEAM ID-PNT2022TMID24861

### ASSIGNMENT 2

#### QUESTION:

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:

```
import random
temp=random.randint(1,500)
hum=random.randint(1,500)
temperature = temp
humidity = hum
if temperature > 30:
    if humidity > 90:
        print("Its hot and humid")
    print("Alarm On")
else:
    print("Its hot but not humid")
print("Alarm Off")
else:
    print("Its not hot")
print("Alarm not detected")
```

#### OUTPUT:

