

ASSIGNMENT II

TEAM ID: PNT2022TMID41524

CODE:

Question:

"Build a python code, assume you 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"

Solution Program:

```
import requests
import random
from time import *
gate=True
while(gate):
    temperature = random.randint(0,55)
    humidity = random.randint(10,55)
    if temperature>32 and humidity<50:
        print("Temperature =",temperature,"Humidity =",humidity)
        print("The alert message is currently active. ")
        gate=False
    else:
        print("Temperature =",temperature,"Humidity",humidity)
    sleep(1);
```