

## ASSIGNMENT - 2

TEAM ID	PNT2022TMID44430
REISTER NUMBER	731219106001
PROJECT NAME	IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE .
ASSIGNMENT	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 .

### PROGRAM :

```
File Edit Format Run Options Window Help
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>40):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<35 and b>40):
        print("Normal temperature and humidity of:",a,b,"%","alarm is off")
    break
Ln: 14 Col: 47
```

```
Python 3.10.7 [tags/v3.10.7:6c06b13, Sep 5 2022, 14:08:13] [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>
===== RESTART: C:/Users/itama/AppData/Local/Programs/Python/Python310/python assignment2.py =====
high temperature and humidity of: 81.73 % alarm is on
high temperature and humidity of: 84.89 % alarm is on
high temperature and humidity of: 88.72 % alarm is on
high temperature and humidity of: 84.75 % alarm is on
high temperature and humidity of: 86.66 % alarm is on
high temperature and humidity of: 78.34 % alarm is on
high temperature and humidity of: 39.67 % alarm is on
high temperature and humidity of: 75.76 % alarm is on
high temperature and humidity of: 82.83 % alarm is on
Normal temperature and humidity of: 33.72 % alarm is off
>>>
```