ASSIGNMENT – II

DOMAIN: IoT

PROJECT TITLE: Smart Farmer – IOT Enabled Smart Farming Application

TEAM MEMBERS:

JEEVA GETZIE CYNTHIA.A(913119106038)

SRINITHI.A(913119106109)

AFRIN JUMANA.M(913119106005)

PRIYA.M(913119106079)

ASSIGNMENT TITLE:

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.

CODE:

```python
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<35 and b<60):
        print("Normal temperature and humidity of:",a,b,"%","alarm is
off")
        break
```

File Edit Format Run Options Window Help

```python
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<35 and b<60):
        print("Normal temperature and humidity of:",a,b,"%","alarm is off")
        break
```

Ln: 1 Col: 13

IDLE Shell 3.10.7

File Edit Shell Debug Options Window Help

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep  5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
============== RESTART: C:/Users/Dell/Desktop/Temp and Humidity.py ==============
Normal temperature and humidity of: 21 23 % alarm is off
>>>
============== RESTART: C:/Users/Dell/Desktop/Temp and Humidity.py ==============
Normal temperature and humidity of: 17 29 % alarm is off
>>>
============== RESTART: C:/Users/Dell/Desktop/Temp and Humidity.py ==============
high temperature and humidity of: 39 67 % alarm is on
Normal temperature and humidity of: 27 17 % alarm is off
>>>
```

Ln: 13 Col: 0