UNIVERSITY COLLEGE OF ENGINEERING,PATTUKKOTTAI-614701.

Department of Computerscience and Engineering

ASSIGNMENT – II

IOT Assignment

PROJECT TITLE: Smart Farmer – IOT Enabled Smart Farming Application

Name: DIVYA R

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:

```
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
```

```
Temp and Humidity.py - C:/Users/Dell/Desktop/Temp and Humidity.py (3.10.7)

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>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
```