MUTHAYAMMAL Engineering College
Rasipuram-637408, Namakkal-(Dist)

Department of Electronics and Communication Engineering

ASSIGNMENT – II

IOT Assignment

PROJECT TITLE: Smart Farmer – IOT Enabled Smart Farming Application

Name: G. SUMANTH REDDY

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
```

```
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

Ln: 1   Col: 13

32°C
Haze

ENG
IN

20:02
27-09-2022