

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: I. RAVI KIRAN

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
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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
```

32°C
Haze

ENG
IN

20:02
27-09-2022

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