

**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:** B. BALA KRISHNA

**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):
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    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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