

IOT Assignment 2

Topic: Assignment on temperature and humidity sensing and alarm automation using python

Code:

```
import random

while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>35 and b>60):

        print("high temprature and humidity of:",a,b,"%","alarm is on")

    elif(a<35 and b<60):

        print("Normal temprature and humidity of:",a,b,"%","alarm is off")

    break
```

Output:

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>35 and b>60):
6         print("high temprature and humidity of:",a,b,"%","alarm is on")
7     elif(a<35 and b<60):
8         print("Normal temprature and humidity of:",a,b,"%","alarm is off")
9         break
10
```

input

```
Normal temprature and humidity of: 24 31 % alarm is off

...Program finished with exit code 0
Press ENTER to exit console.
```