

## 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):

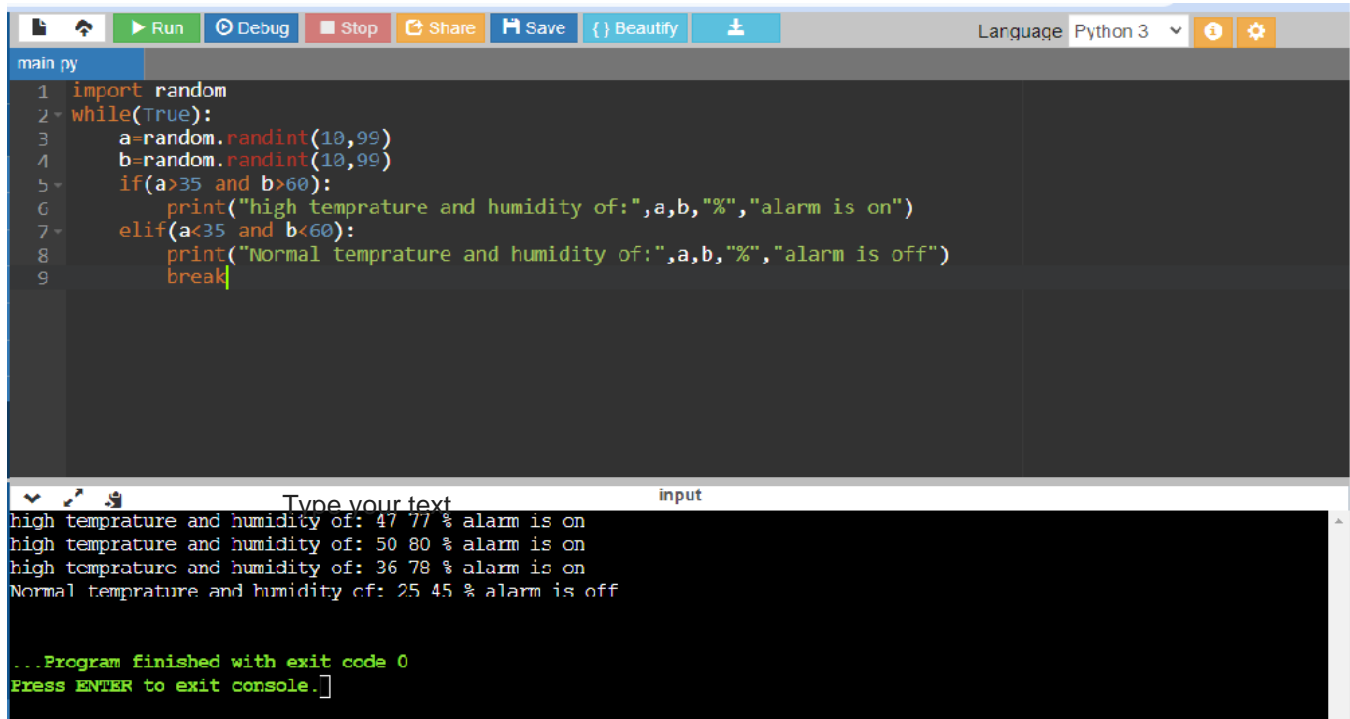
        print("hightempratureand humidityof:",a,b,"%","alarm
        ison")

    elif(a<35 and b<60):

        print("Normal tempratureand humidityof:",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
```

high temprature and humidity of: 47 77 % alarm is on  
high temprature and humidity of: 50 80 % alarm is on  
high temprature and humidity of: 36 78 % alarm is on  
Normal temprature and humidity of: 25 45 % alarm is off

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