

ASSIGNMENT 2

Create a python code – **Consider that get temperature and humidity values (generated with random function to a variable) Code a condition to continuously detect alarm on rising temperature**

PROGRAM:

```
import random

while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>35 and b>60):

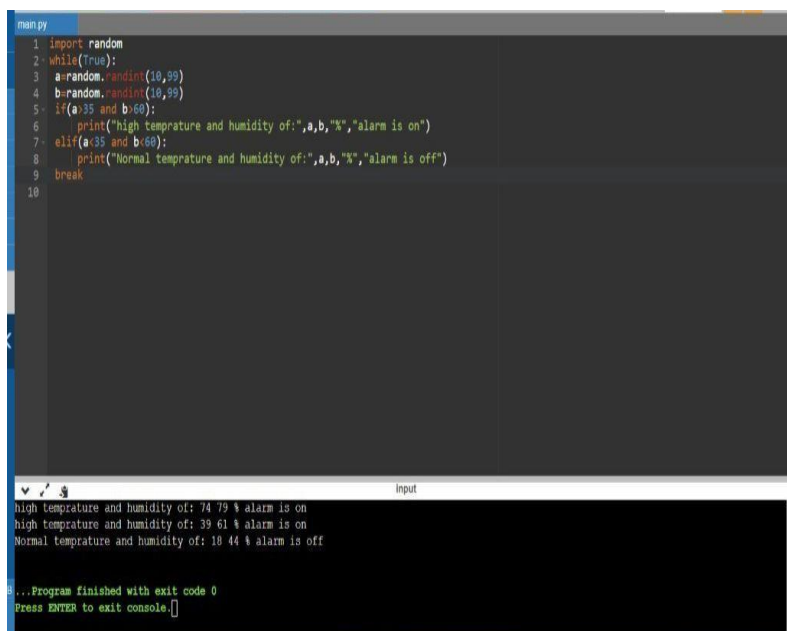
        print("high temprature and humidity of:",a,b,"%","alarm is on")

    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
```

high temprature and humidity of: 74 79 % alarm is on
high temprature and humidity of: 39 61 % alarm is on
Normal temprature and humidity of: 18 44 % alarm is off

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