

IBM SMART INTERNZ - NALAIYA THIRAN - ASSIGNMENT 4

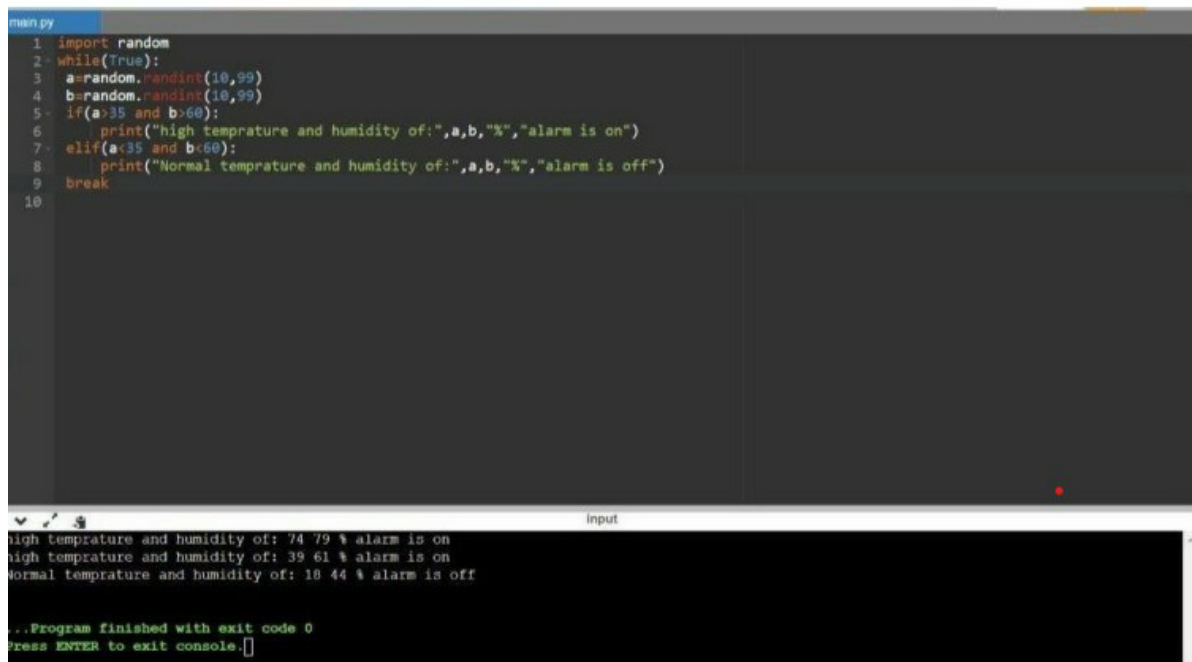
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PYTHON CODE, BY GETTING RANDOM TEMPERATURE AND HUMIDITY VALUES AND WRITE A CONDITION TO CONTINUOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE

```
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.