

Assignment no:2

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Assignment 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>40 and b>70):

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

    elif(a<30 and b<55):

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

    break
```

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main.py

```
1 import random
2
3 while(True):
4     a=random.randint(10,99)
5     b=random.randint(10,99)
6
7     if(a>40 and b>70):
8         print("high temprature and humidity of:",a,b,"%","alarm is on")
9
10    elif(a<30 and b<55):
11        print("Normal temprature and humidity of:",a,b,"%","alarm is off")
12
13    break
```

input

high temprature and humidity of: 65 97 % alarm is on
Normal temprature and humidity of: 11 33 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.

Language Python 3

Error

(1) WhatsApp

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onlinegdb.com/online_c_compiler

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