```python
import random
import time

while(1):
    temp=random.randint(0,50)
    hum=random.randint(0,50)
    if(15<=temp<=30):
        print("normal temperature. Temperature = ",temp)
    elif(temp<15):
        print("low temperature. Temperature = ",temp)
    elif(temp>30):
        print("high temperature. Temperature = ",temp)
    if(30<=hum<=50):
        print("normal humidity. Humidity = ",hum)
    elif(hum<30):
        print("low humidity. Humidity = ",hum)
    elif(hum>50):
        print("high humidity. Humidity = ",hum)
    print()
    time.sleep(5)
```

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep  5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/91763/AppData/Local/Programs/Python/Python310/assignment2.py
high temperature. Temperature =  40
low humidity. Humidity =  2

high temperature. Temperature =  49
normal humidity. Humidity =  41

high temperature. Temperature =  36
normal humidity. Humidity =  37

high temperature. Temperature =  45
low humidity. Humidity =  28

normal temperature. Temperature =  16
low humidity. Humidity =  12

normal temperature. Temperature =  18
low humidity. Humidity =  21

```