Solution:

```
import random
import time
while True:
    Temperature = random.randint(0,150)
    Humidity = random.randint(0,100)

    if Temperature > 100 and Humidity > 80:
        print("Temperature : " + str(Temperature))
        print("Humidity : " + str(Humidity))
        print("Temperature and Humidity is High")
        print("Alarm On !!!")
        print(" ")
        time.sleep(2)
    else:
        print("Temperature : " + str(Temperature))
        print("Humidity : " + str(Humidity))
        print("Range is Normal")
        print(" ")
```

```python
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import time
while True:
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        print("Temperature : " + str(Temperature))
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```
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\ELCOT\Desktop\Assignment 2.py ================
Temperature : 66
Humidity : 95
Range is Normal

Temperature : 100
Humidity : 52
Range is Normal

Temperature : 64
Humidity : 1
Range is Normal

Temperature : 103
Humidity : 77
Range is Normal

Temperature : 9
Humidity : 46
Range is Normal

Temperature : 88
Humidity : 17
Range is Normal

Temperature : 127
Humidity : 82
Temperature and Humidity is High
Alarm On !!!
```

```
Range is Normal

Temperature : 80
Humidity : 83
Range is Normal

Temperature : 125
Humidity : 30
Range is Normal

Temperature : 139
Humidity : 7
Range is Normal

Temperature : 2
Humidity : 18
Range is Normal

Temperature : 24
Humidity : 29
Range is Normal

Temperature : 18
Humidity : 88
Range is Normal

Temperature : 143
Humidity : 39
Range is Normal

Temperature : 14
Humidity : 63
Range is Normal

Temperature : 111
Humidity : 96
Temperature and Humidity is High
Alarm On !!!
```