

```
temp.py - D:\Temp\temp.py (3.7.0)
File Edit Format Run Options Window Help
import random
i=5
while("true"):
    a=random.randint(10,110)
    b=random.randint(10,110)
    if(a>40 and b<100):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<40 and b>100):
        print("low temperature and humidity of:",a,b,"%","alarm is off")
    if(i<55):
        i=i+1
        random
    else:
        break
```

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:\Temp\temp.py =====
high temperature and humidity of: 88 74 % alarm is on
high temperature and humidity of: 90 12 % alarm is on
high temperature and humidity of: 110 31 % alarm is on
high temperature and humidity of: 98 96 % alarm is on
high temperature and humidity of: 59 79 % alarm is on
high temperature and humidity of: 101 55 % alarm is on
high temperature and humidity of: 105 12 % alarm is on
high temperature and humidity of: 109 70 % alarm is on
high temperature and humidity of: 60 49 % alarm is on
high temperature and humidity of: 46 34 % alarm is on
high temperature and humidity of: 49 22 % alarm is on
low temperature and humidity of: 15 109 % alarm is off
high temperature and humidity of: 99 83 % alarm is on
high temperature and humidity of: 110 11 % alarm is on
high temperature and humidity of: 108 39 % alarm is on
high temperature and humidity of: 95 11 % alarm is on
high temperature and humidity of: 53 83 % alarm is on
high temperature and humidity of: 73 29 % alarm is on
high temperature and humidity of: 47 17 % alarm is on
high temperature and humidity of: 98 83 % alarm is on
high temperature and humidity of: 63 34 % alarm is on
high temperature and humidity of: 63 96 % alarm is on
high temperature and humidity of: 80 46 % alarm is on
high temperature and humidity of: 91 70 % alarm is on
high temperature and humidity of: 72 34 % alarm is on
high temperature and humidity of: 72 98 % alarm is on
high temperature and humidity of: 89 70 % alarm is on
high temperature and humidity of: 106 99 % alarm is on
high temperature and humidity of: 103 23 % alarm is on
high temperature and humidity of: 83 72 % alarm is on
high temperature and humidity of: 81 96 % alarm is on
low temperature and humidity of: 15 101 % alarm is off
high temperature and humidity of: 103 91 % alarm is on
>>>
```