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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(10,160)
    b=random.randint(10,160)
    c=random.randint(10,160)
    if(a>40 and b<100):
        print("high temperature and humidity of:",a,b,c,"%","alarm is on")
    elif(a<40 and b>100):
        print("low temperature and humidity of:",a,b,c,"%","alarm is off")
    elif(a>25 and c<30):
        print("normal temperature and humidity of:",a,b,c,"%","alarm is off")
    if(i<55):
        i=i+1
        random
    else:
        break

```

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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 =====
normal temperature and humidity of: 107 110 25 % alarm is off
high temperature and humidity of: 96 55 51 % alarm is on
high temperature and humidity of: 107 78 99 % alarm is on
low temperature and humidity of: 38 141 137 % alarm is off
high temperature and humidity of: 61 19 26 % alarm is on
high temperature and humidity of: 61 41 113 % alarm is on
high temperature and humidity of: 51 82 33 % alarm is on
high temperature and humidity of: 103 81 128 % alarm is on
high temperature and humidity of: 89 46 120 % alarm is on
high temperature and humidity of: 149 24 101 % alarm is on
high temperature and humidity of: 116 73 112 % alarm is on
high temperature and humidity of: 71 81 38 % alarm is on
high temperature and humidity of: 62 32 148 % alarm is on
high temperature and humidity of: 104 70 80 % alarm is on
low temperature and humidity of: 31 147 17 % alarm is off
high temperature and humidity of: 133 17 126 % alarm is on
high temperature and humidity of: 73 23 35 % alarm is on
low temperature and humidity of: 28 115 64 % alarm is off
high temperature and humidity of: 74 12 148 % alarm is on
high temperature and humidity of: 92 73 24 % alarm is on
high temperature and humidity of: 160 17 29 % alarm is on
high temperature and humidity of: 84 79 11 % alarm is on
low temperature and humidity of: 39 110 14 % alarm is off
high temperature and humidity of: 89 78 30 % alarm is on
high temperature and humidity of: 55 23 117 % alarm is on
high temperature and humidity of: 57 90 64 % alarm is on
high temperature and humidity of: 97 83 63 % alarm is on
low temperature and humidity of: 37 106 59 % alarm is off
high temperature and humidity of: 55 94 99 % alarm is on
normal temperature and humidity of: 69 102 14 % alarm is off
high temperature and humidity of: 114 25 120 % alarm is on
>>>

```