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#### PYTHON CODE

```
import random
import time
while(1!=0):
    temperature = random.random()
    humidity = random.random()
    print("temperature: ", temperature)
    print("humidity: ",humidity)
    time.sleep(2)

    if (temperature > 0.5):
        print("high temperature")
    if ( humidity >0.5):
        print("high humidity")
```

```
good.py - C:/Users/Admin/AppData/Local/Programs/Python/Python310/good.py (3.10.0)
File Edit Format Run Options Window Help

import random
import time
while(1!=0):
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    time.sleep(2)

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    if ( humidity >0.5):
        print("high humidity")

"IDLE Shell 3.10.0"
File Edit Shell Debug Options Window Help

humidity: 0.802676586478182
high temperature
high humidity
temperature: 0.04126159600006685
humidity: 0.8095348321350037
high humidity
temperature: 0.4931281567000213
humidity: 0.5129346621220278
high humidity
temperature: 0.8051434112173184
humidity: 0.312400470267304
high temperature
temperature: 0.14148202992611325
humidity: 0.4892378596910121
temperature: 0.7925746396889198
humidity: 0.12600746983445332
high temperature
temperature: 0.8803551921858215
humidity: 0.05314821433823058
high temperature
temperature: 0.10226431302253813
humidity: 0.2918217436483972
temperature: 0.4353540723120587
humidity: 0.9386856181504497
high humidity
temperature: 0.6695280676714782
humidity: 0.6966381821063081
high temperature
high humidity
temperature: 0.30830024867999817
humidity: 0.4589673879185602
temperature: 0.24813644797924472
humidity: 0.8534817098173253
high humidity
temperature: 0.1407196965647286
humidity: 0.2574361681594466
temperature: 0.45274600907477747
humidity: 0.2842643138095885
temperature: 0.33631832414189833
humidity: 0.2733125028196367

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