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Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

PROGRAM:

import random

import time

while(1!=0):

 temperature = random.random() humidity =

 random.random() print("Temperature:

 ","%.3f" % temperature) print("Humidity:

 ","%.3f" % humidity) time.sleep(2)

 if (temperature > 0.5):

     print("high temperature")

 if (humidity >0.5):

     print("high humidity")

 print(" ")

Output:

```
Humidity:  0.145
high temperature

Temperature:  0.819
Humidity:  0.891
high temperature
high humidity

Temperature:  0.369
Humidity:  0.574
high humidity

Temperature:  0.282
Humidity:  0.869
high humidity

Temperature:  0.087
Humidity:  0.517
high humidity

Temperature:  0.721
Humidity:  0.362
high temperature

Temperature:  0.435
```