

## **IBM ASSSIGNMENT 2**

### **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")
```

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### **OUTPUT**



```
IDLE Shell 3.9.8*
File Edit Shell Debug Options Window Help
Python 3.9.8 (tags/v3.9.8:bb3fdcf, Nov 5 2021, 20:48:33) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:/Assignment2_IBM.py =====
temperature: 0.7339619817029642
humidity: 0.026523247359577118
high temperature
temperature: 0.8689308501803591
humidity: 0.14276451032804016
high temperature
temperature: 0.33094898977122345
humidity: 0.36935913621029903
temperature: 0.818998381336019
humidity: 0.7459851271036836
high temperature
high humidity
temperature: 0.598344738552837
humidity: 0.05418293528234075
high temperature
temperature: 0.44619777423613316
humidity: 0.7023947523423134
high humidity
temperature: 0.7610748256165867
humidity: 0.6629660143692861
```