

## **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")
```

**Name:** Jeyanesh V

**Reg Num:** 1919103044

**College:** Sona College of Technology

### **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
Ln: 5 Col: 0
```