IBM ASSIGNMENT 2

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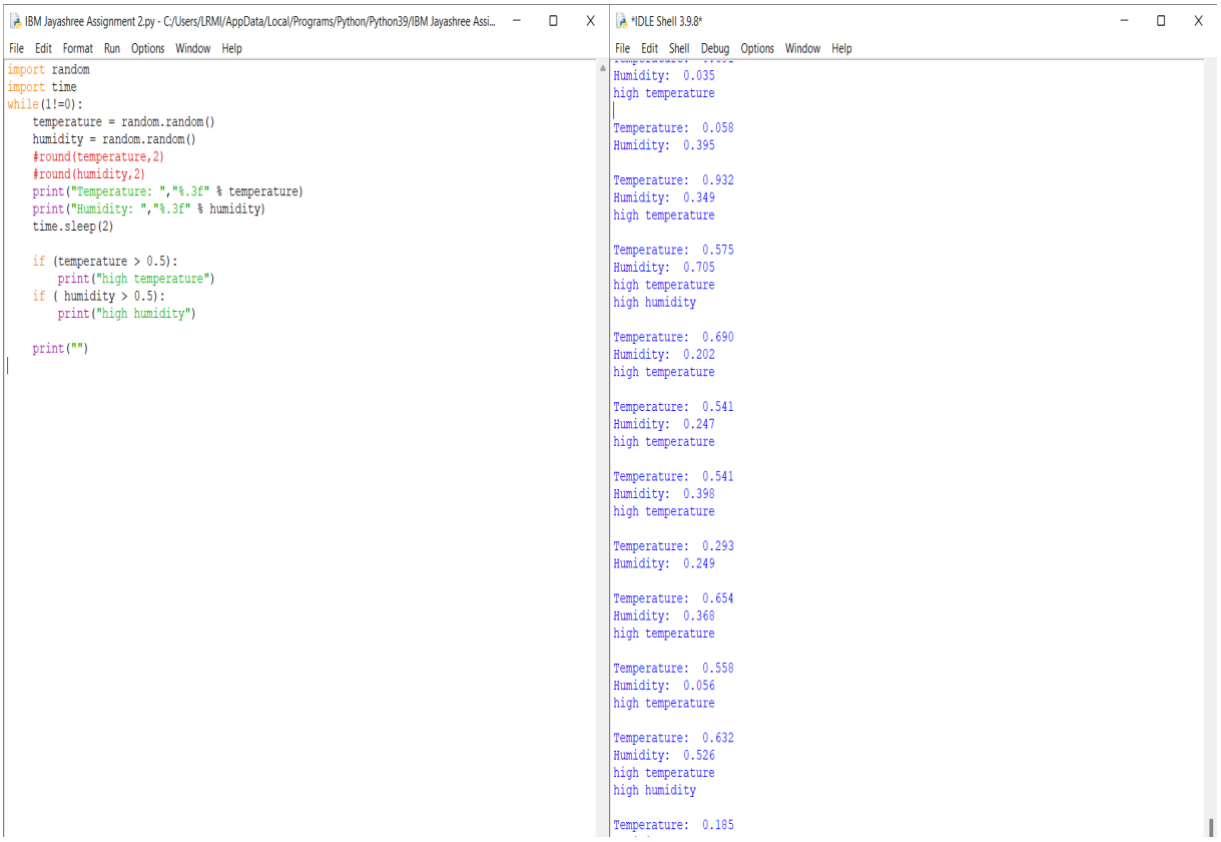
Python Code:

```
import random
import time
while(1!=0):
    temperature = random.random()
    humidity = random.random()
    #round(temperature,2)
    #round(humidity,2)
    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:


IBM Jayashree Assignment 2.py - C:/Users/LRMI/AppData/Local/Programs/Python/Python39/IBM Jayashree Assi...
File Edit Format Run Options Window Help
import random
import time
while(1!=0):
temperature = random.random()
humidity = random.random()
#round(temperature,2)
#round(humidity,2)
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("")
IDLE Shell 3.9.8
File Edit Shell Debug Options Window Help
Humidity: 0.035
high temperature
Temperature: 0.058
Humidity: 0.395
Temperature: 0.932
Humidity: 0.349
high temperature
Temperature: 0.575
Humidity: 0.705
high temperature
high humidity
Temperature: 0.690
Humidity: 0.202
high temperature
Temperature: 0.541
Humidity: 0.247
high temperature
Temperature: 0.541
Humidity: 0.398
high temperature
Temperature: 0.293
Humidity: 0.249
Temperature: 0.654
Humidity: 0.368
high temperature
Temperature: 0.558
Humidity: 0.056
high temperature
Temperature: 0.632
Humidity: 0.526
high temperature
high humidity
Temperature: 0.185