IBM ASSIGNMENT 2

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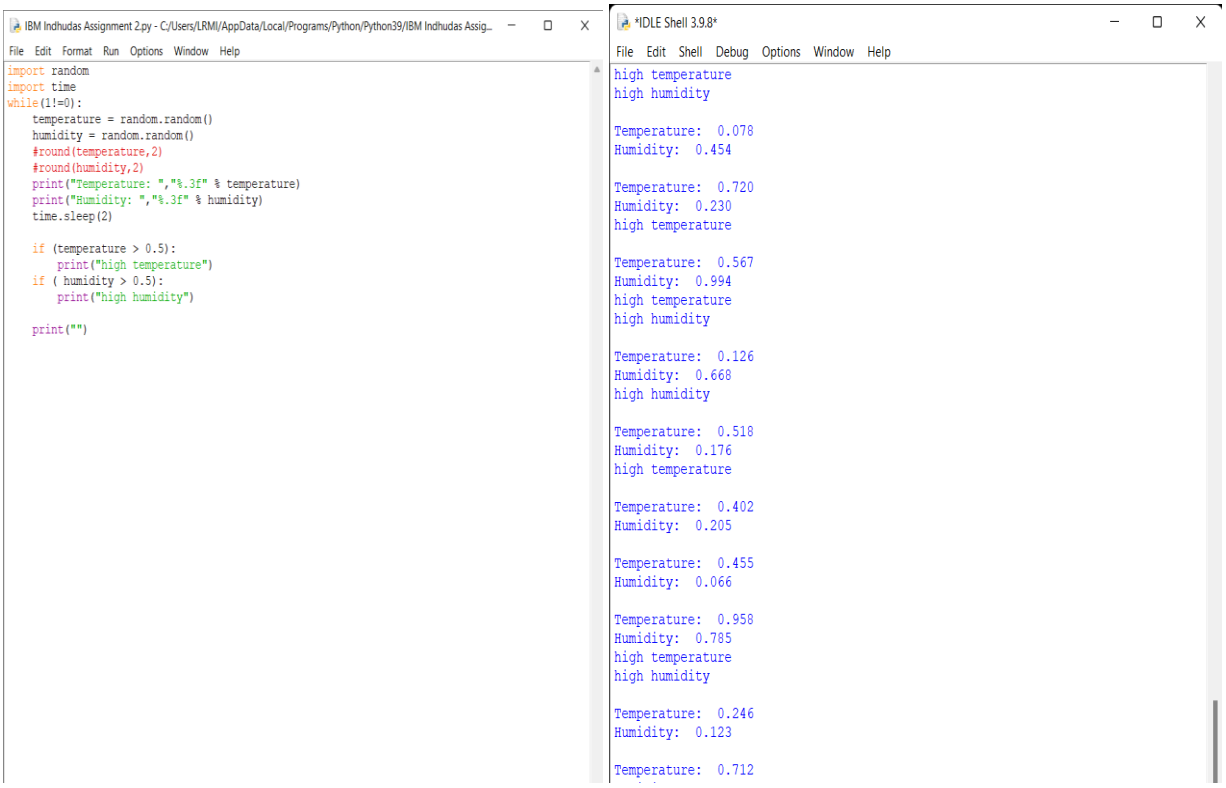
Python Code:

```
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 Indhudas Assignment 2.py - C:/Users/LRMI/AppData/Local/Programs/Python/Python39/IBM Indhudas Assig...

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

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```
high temperature
high humidity

Temperature:  0.078
Humidity:  0.454

Temperature:  0.720
Humidity:  0.230
high temperature

Temperature:  0.567
Humidity:  0.994
high temperature
high humidity

Temperature:  0.126
Humidity:  0.668
high humidity

Temperature:  0.518
Humidity:  0.176
high temperature

Temperature:  0.402
Humidity:  0.205

Temperature:  0.455
Humidity:  0.066

Temperature:  0.958
Humidity:  0.785
high temperature
high humidity

Temperature:  0.246
Humidity:  0.123

Temperature:  0.712
```