IBM ASSIGNMENT 2

NAME: Hemalatha.S

COLLEGE: Sona College of Technology

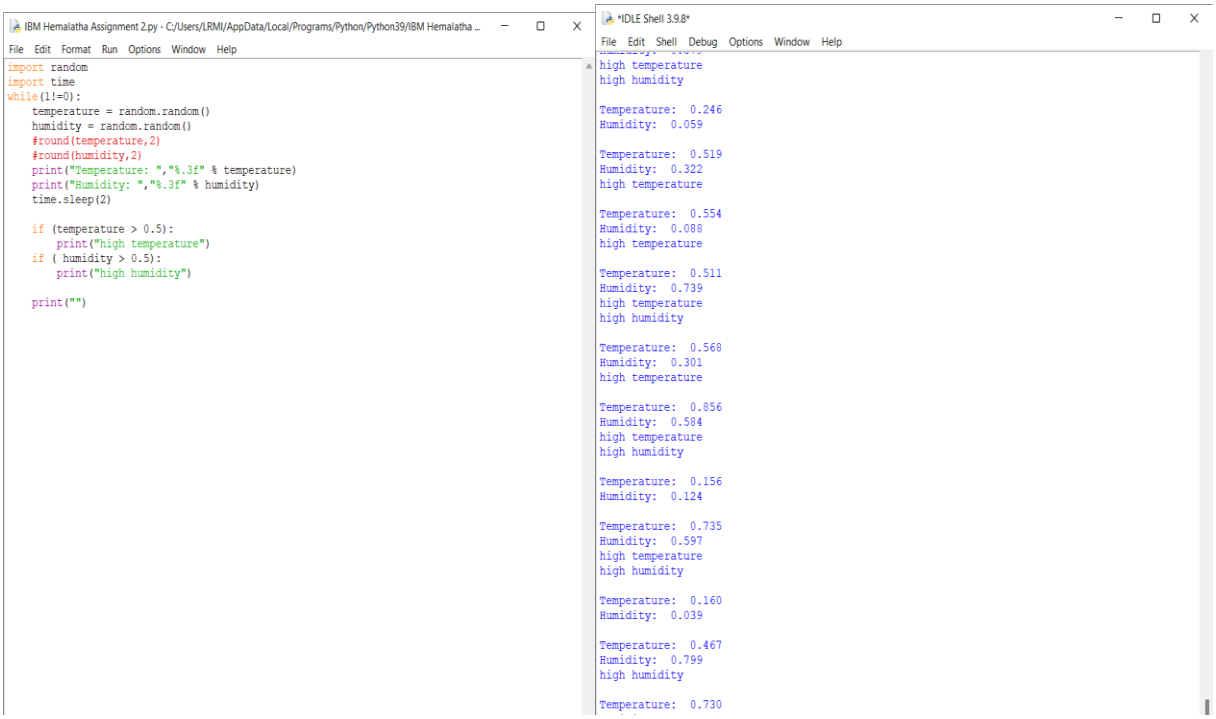
Python Code:

```
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 Hemalatha Assignment 2.py - C:/Users/LRMI/AppData/Local/Programs/Python/Python39/IBM Hemalatha ...
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
high temperature
high humidity
Temperature: 0.246
Humidity: 0.059
Temperature: 0.519
Humidity: 0.322
high temperature
Temperature: 0.554
Humidity: 0.088
high temperature
Temperature: 0.511
Humidity: 0.739
high temperature
high humidity
Temperature: 0.568
Humidity: 0.301
high temperature
Temperature: 0.856
Humidity: 0.584
high temperature
high humidity
Temperature: 0.156
Humidity: 0.124
Temperature: 0.735
Humidity: 0.597
high temperature
high humidity
Temperature: 0.160
Humidity: 0.039
Temperature: 0.467
Humidity: 0.799
high humidity
Temperature: 0.730