

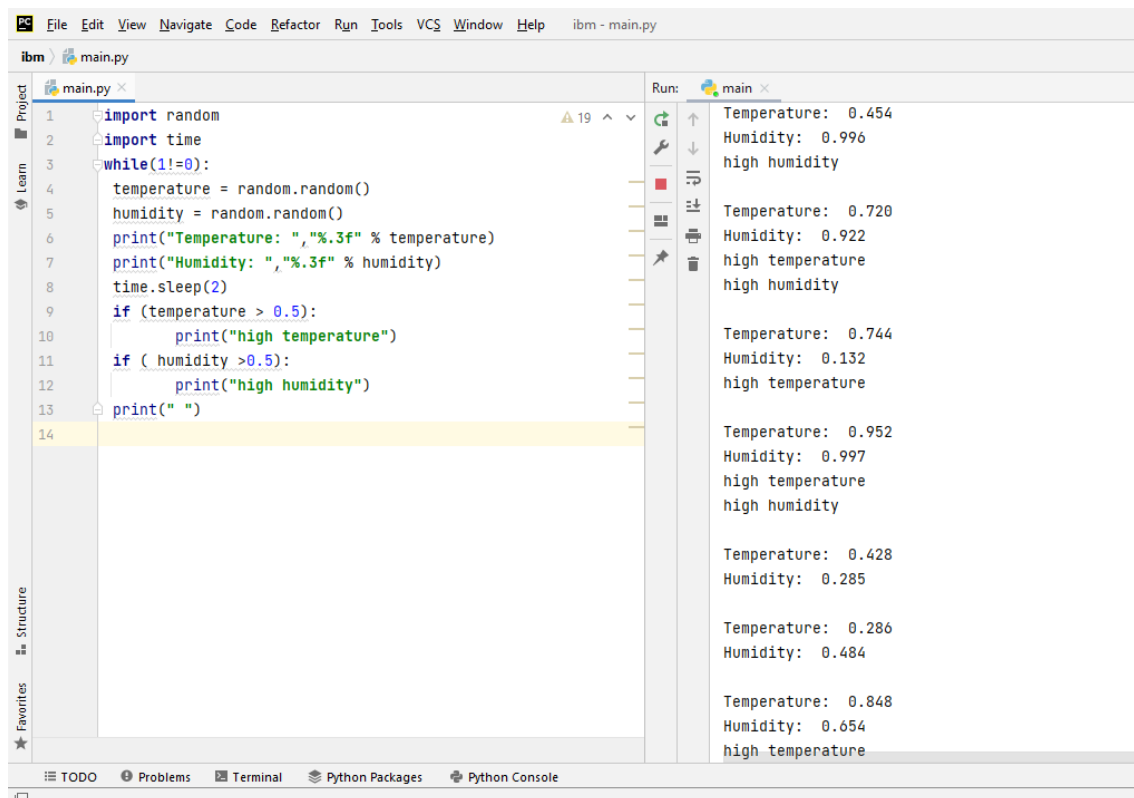
IBM ASSIGNMENT 2

Name: Bhavani R K

Python Code:

```
import random
import time
while(1!=0):
    temperature = random.random()
    humidity = random.random()
    print("Temperature: ", "%0.3f" % temperature)
    print("Humidity: ", "%0.3f" % humidity)
    time.sleep(2)
    if (temperature > 0.5):
        print("high temperature")
    if ( humidity >0.5):
        print("high humidity")
    print(" ")
```

Output:



```
File Edit View Navigate Code Refactor Run Tools VCS Window Help ibm - main.py
ibm main.py
main.py
1 import random
2 import time
3 while(1!=0):
4     temperature = random.random()
5     humidity = random.random()
6     print("Temperature: ", "%0.3f" % temperature)
7     print("Humidity: ", "%0.3f" % humidity)
8     time.sleep(2)
9     if (temperature > 0.5):
10         print("high temperature")
11     if ( humidity >0.5):
12         print("high humidity")
13     print(" ")
14

Run: main
Temperature: 0.454
Humidity: 0.996
high humidity

Temperature: 0.720
Humidity: 0.922
high temperature
high humidity

Temperature: 0.744
Humidity: 0.132
high temperature

Temperature: 0.952
Humidity: 0.997
high temperature
high humidity

Temperature: 0.428
Humidity: 0.285

Temperature: 0.286
Humidity: 0.484

Temperature: 0.848
Humidity: 0.654
high temperature
```

