

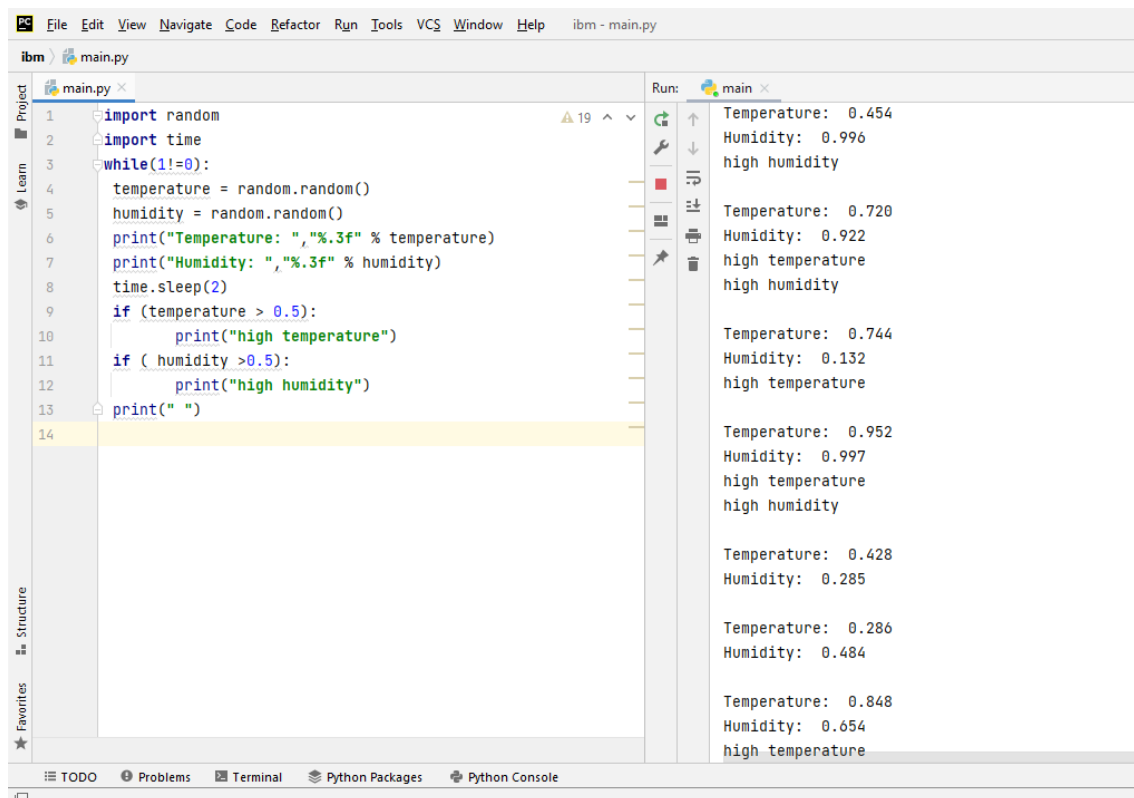
# IBM ASSIGNMENT 2

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## 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:



The screenshot shows an IDE window titled 'ibm - main.py'. The left pane displays the Python code from the previous block. The right pane, labeled 'Run: main', shows the output of the program. The output consists of multiple lines of text, each representing a single iteration of the while loop. Each iteration prints the temperature and humidity values, followed by a space character. If the temperature is greater than 0.5, it prints 'high temperature'. If the humidity is greater than 0.5, it prints 'high humidity'. The output shows several iterations with varying values, including 'high humidity' and 'high temperature'.

```
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
```

