

IBM ASSINGMENT 1

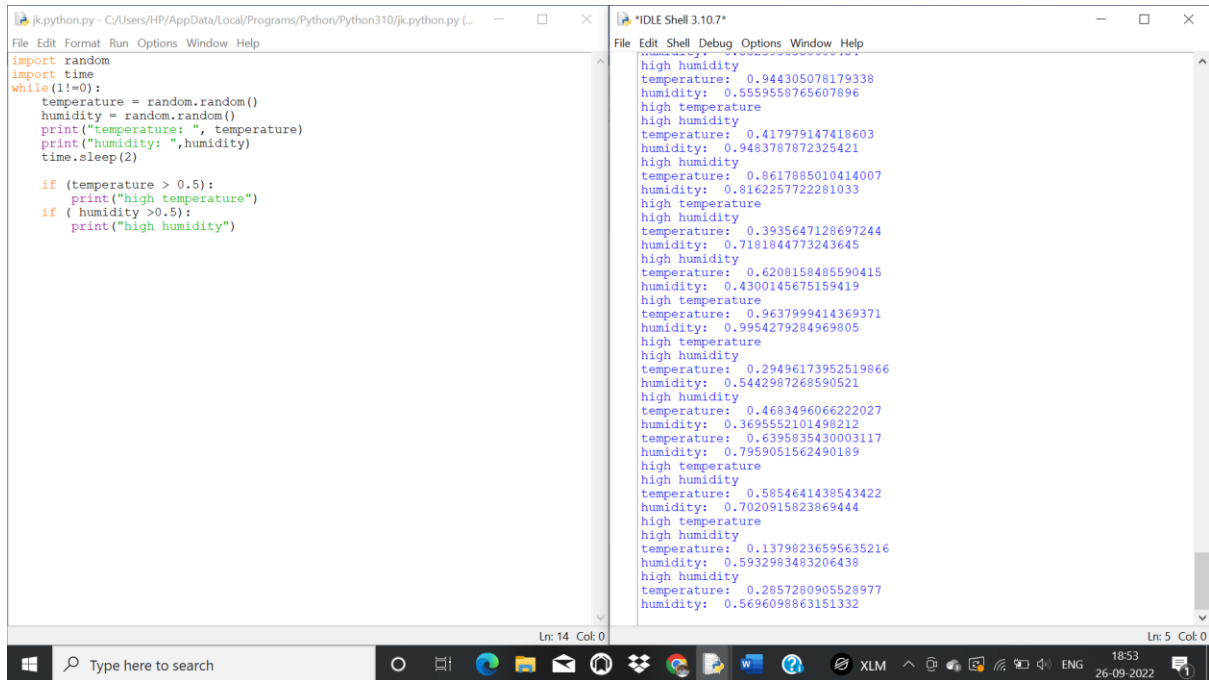
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Python Code:

```
import random
import time
while(1!=0):
    temperature = random.random()
    humidity = random.random()
    print("temperature: ", temperature)
    print("humidity: ",humidity)
    time.sleep(2)

    if (temperature > 0.5):
        print("high temperature")
    if ( humidity >0.5):
        print("high humidity")
```

Output:



The image shows a screenshot of a Python IDE with two windows. The left window displays a Python script, and the right window shows the output of the script.

Left Window (Python Script):

```
import random
import time
while(1!=0):
    temperature = random.random()
    humidity = random.random()
    print("temperature: ", temperature)
    print("humidity: ", humidity)
    time.sleep(2)

    if (temperature > 0.5):
        print("high temperature")
    if (humidity > 0.5):
        print("high humidity")
```

Right Window (Output):

```
high humidity
temperature: 0.944305078179338
humidity: 0.5559558765607896
high temperature
high humidity
temperature: 0.417979147418603
humidity: 0.9483787872325421
high humidity
temperature: 0.8617885010414007
humidity: 0.8162257722281033
high temperature
high humidity
temperature: 0.3935647128697244
humidity: 0.7181844773243645
high humidity
temperature: 0.6208158485590415
humidity: 0.4300145675159419
high temperature
temperature: 0.9637999414369371
humidity: 0.9954279284969805
high temperature
high humidity
temperature: 0.29496173952519866
humidity: 0.5442987268590521
high humidity
temperature: 0.4683496066222027
humidity: 0.3695552101498212
temperature: 0.6395835430003117
humidity: 0.7959051562490189
high temperature
high humidity
temperature: 0.5854641438543422
humidity: 0.7020915823869444
high temperature
high humidity
temperature: 0.13798236595635216
humidity: 0.5932983483206438
high humidity
temperature: 0.2857280905528977
humidity: 0.5696098863151332
```

The bottom of the image shows the Windows taskbar with the search bar and various system icons.