

IBM ASSIGNMENT 2

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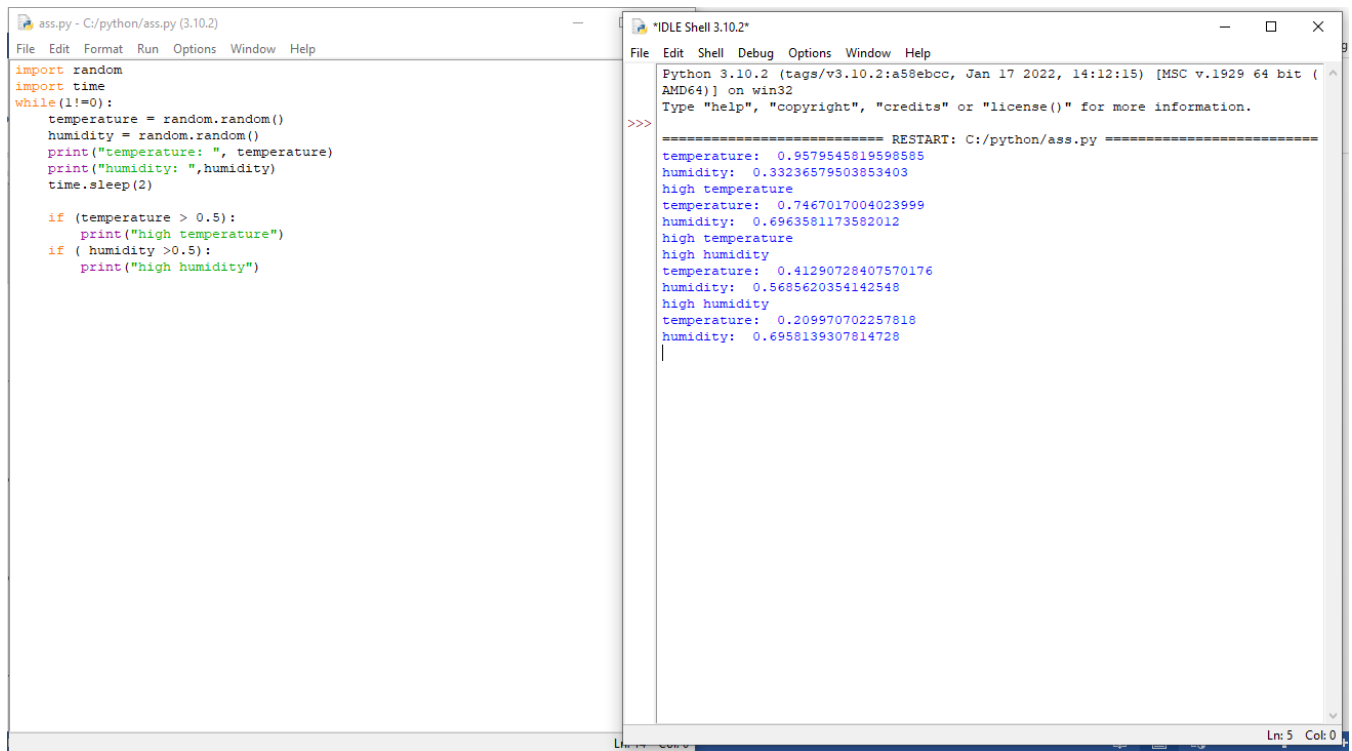
REG NO :1919103062

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")
```

SIMULATION:



```
ass.py - C:/python/ass.py (3.10.2)
File Edit Format Run Options Window Help
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")

IDLE Shell 3.10.2*
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/python/ass.py =====
temperature: 0.9579545819598585
humidity: 0.33236579503853403
high temperature
temperature: 0.7467017004023999
humidity: 0.6963581173582012
high temperature
high humidity
temperature: 0.41290728407570176
humidity: 0.5695620354142548
high humidity
temperature: 0.209970702257818
humidity: 0.6958139307814728
|
```