PROGRAM:

```python
import random

from time import sleep

def generate_values():

  temperature = random.randint(20, 60)

  humidity = random.randint(20, temperature)

  return humidity, temperature

humidity = temperature = 0

while temperature < 50:

  humidity, temperature = generate_values()

  print('Humidity:', humidity, 'Temperature:', temperature)

  sleep(0.60)


print('High Temperature is attained')
```
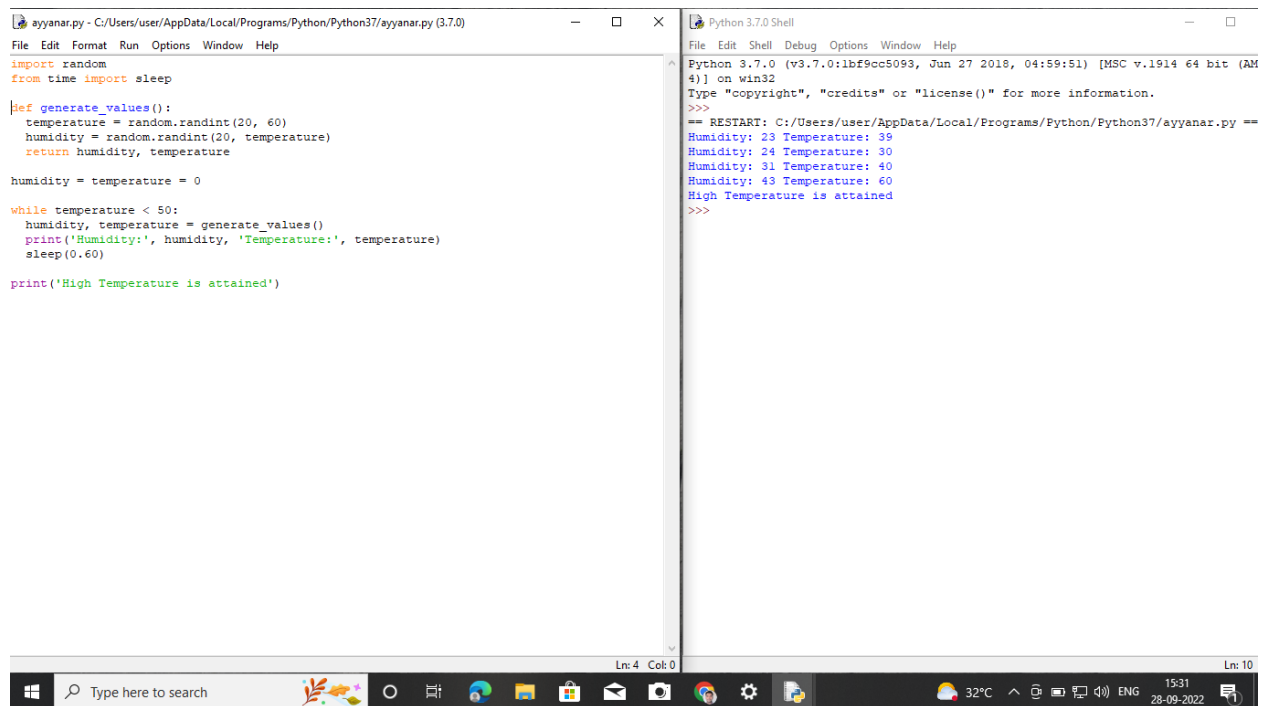
OUTPUT:


```python
import random
from time import sleep

def generate_values():
    temperature = random.randint(20, 60)
    humidity = random.randint(20, temperature)
    return humidity, temperature

humidity = temperature = 0

while temperature < 50:
    humidity, temperature = generate_values()
    print('Humidity:', humidity, 'Temperature:', temperature)
    sleep(0.60)

print('High Temperature is attained')
```

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AM
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/user/AppData/Local/Programs/Python/Python37/ayyanar.py ==
Humidity: 23 Temperature: 39
Humidity: 24 Temperature: 30
Humidity: 31 Temperature: 40
Humidity: 43 Temperature: 60
High Temperature is attained
>>>
```