

```
import random

from time import sleep

def generate_values():

    temperature = random.randint(10, 50)

    humidity = random.randint(10, temperature)

    return humidity, temperature

humidity = temperature = 0

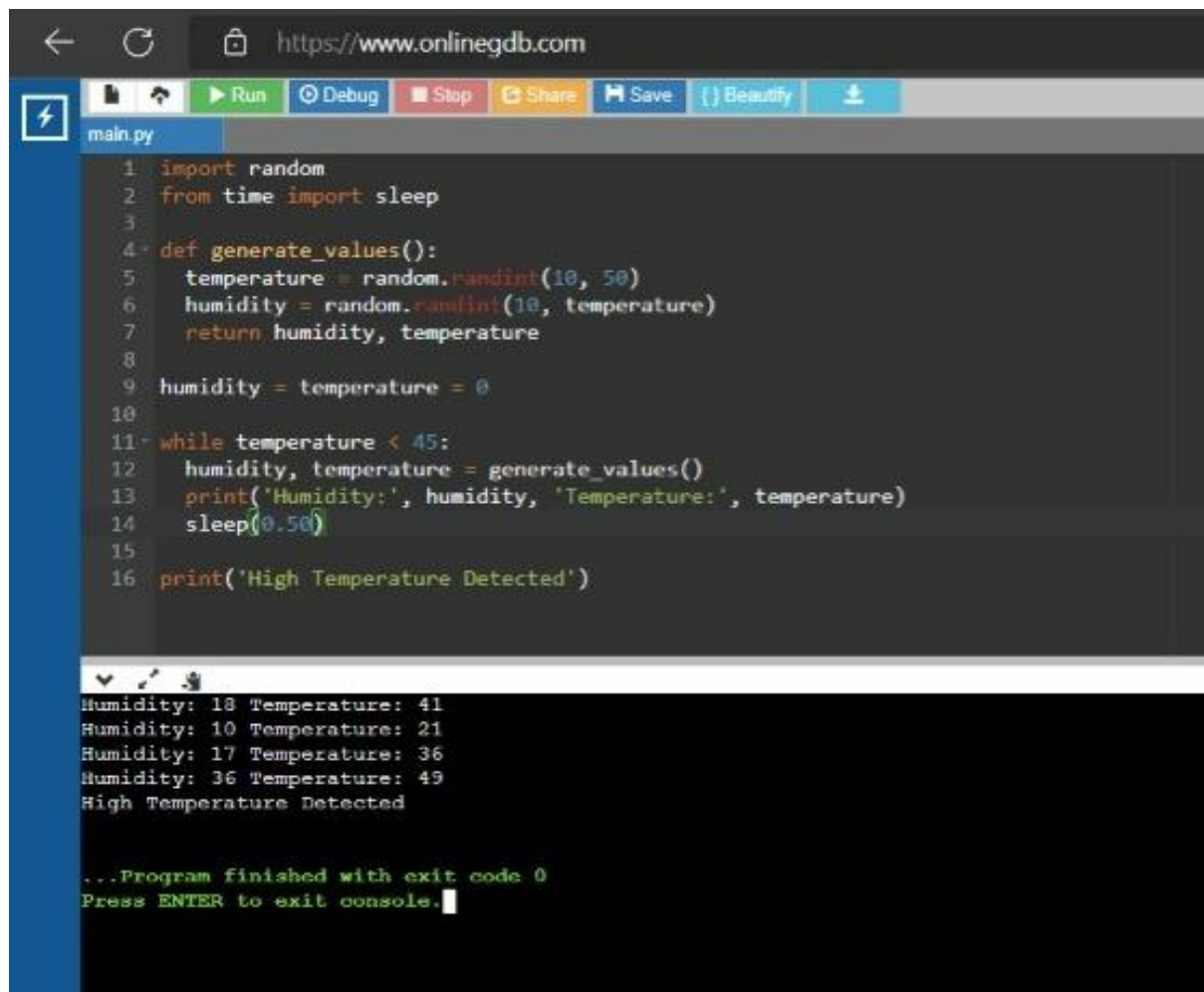
while temperature < 45:

    humidity, temperature = generate_values()

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

    sleep(0.50)

print('High Temperature Detected')
```

A screenshot of a web-based Python IDE interface. The browser address bar shows 'https://www.onlinegdb.com'. The IDE has a toolbar with buttons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The code editor displays the same Python code as the first block. Below the editor is a console window showing the output of the program. The output consists of four lines of 'Humidity: Temperature:' pairs, followed by 'High Temperature Detected', and a final message indicating the program finished with exit code 0.

```
Humidity: 18 Temperature: 41
Humidity: 10 Temperature: 21
Humidity: 17 Temperature: 36
Humidity: 36 Temperature: 49
High Temperature Detected

...Program finished with exit code 0
Press ENTER to exit console.
```