

ASSIGNMENT 2

```
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')
```

Humidity: 35 Temperature: 44
Humidity: 12 Temperature: 25
Humidity: 17 Temperature: 36
Humidity: 12 Temperature: 16
Humidity: 27 Temperature: 39
Humidity: 17 Temperature: 44
Humidity: 19 Temperature: 34
Humidity: 26 Temperature: 40
Humidity: 13 Temperature: 16
Humidity: 10 Temperature: 30
Humidity: 20 Temperature: 27
Humidity: 19 Temperature: 22
Humidity: 13 Temperature: 24
Humidity: 24 Temperature: 27
Humidity: 11 Temperature: 20
Humidity: 39 Temperature: 50
High Temperature Detected