

ASSIGNMENT-2

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

```
import random

from time import sleep

def generate_values():

    temperature = random.randint(20, 60)

    humidity = random.randint(10, temperature)

    return humidity, temperature

humidity = temperature = 20

while temperature < 50:

    humidity, temperature = generate_values()

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

    sleep(0.50)

print('High Temperature Is Founded')
```

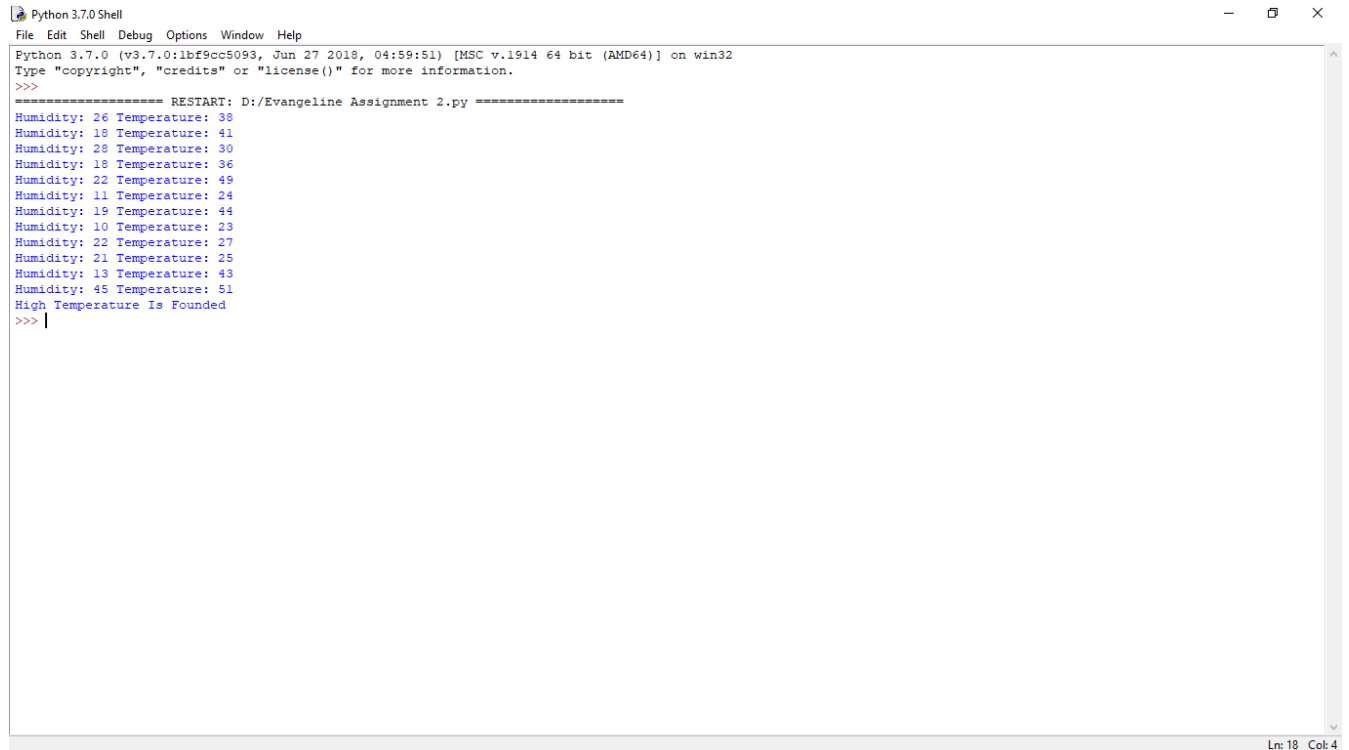
OUTPUT:

```
Humidity: 26 Temperature: 38
Humidity: 18 Temperature: 41
Humidity: 28 Temperature: 30
Humidity: 18 Temperature: 36
Humidity: 22 Temperature: 49
Humidity: 11 Temperature: 24
Humidity: 19 Temperature: 44
Humidity: 10 Temperature: 23
Humidity: 22 Temperature: 27
Humidity: 21 Temperature: 25
```

Humidity: 13 Temperature: 43

Humidity: 45 Temperature: 51

High Temperature Is Founded

A screenshot of a Python 3.7.0 Shell window. The window has a title bar "Python 3.7.0 Shell" and a menu bar with "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area shows the following output:

```
Python 3.7.0 (v3.7.0:1bbf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:/Evangeline Assignment 2.py =====
Humidity: 26 Temperature: 38
Humidity: 18 Temperature: 41
Humidity: 28 Temperature: 30
Humidity: 18 Temperature: 36
Humidity: 22 Temperature: 49
Humidity: 11 Temperature: 24
Humidity: 19 Temperature: 44
Humidity: 10 Temperature: 23
Humidity: 22 Temperature: 27
Humidity: 21 Temperature: 25
Humidity: 13 Temperature: 43
Humidity: 45 Temperature: 51
High Temperature Is Founded
>>> |
```

The status bar at the bottom right indicates "Ln: 18 Col: 4".