

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(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)

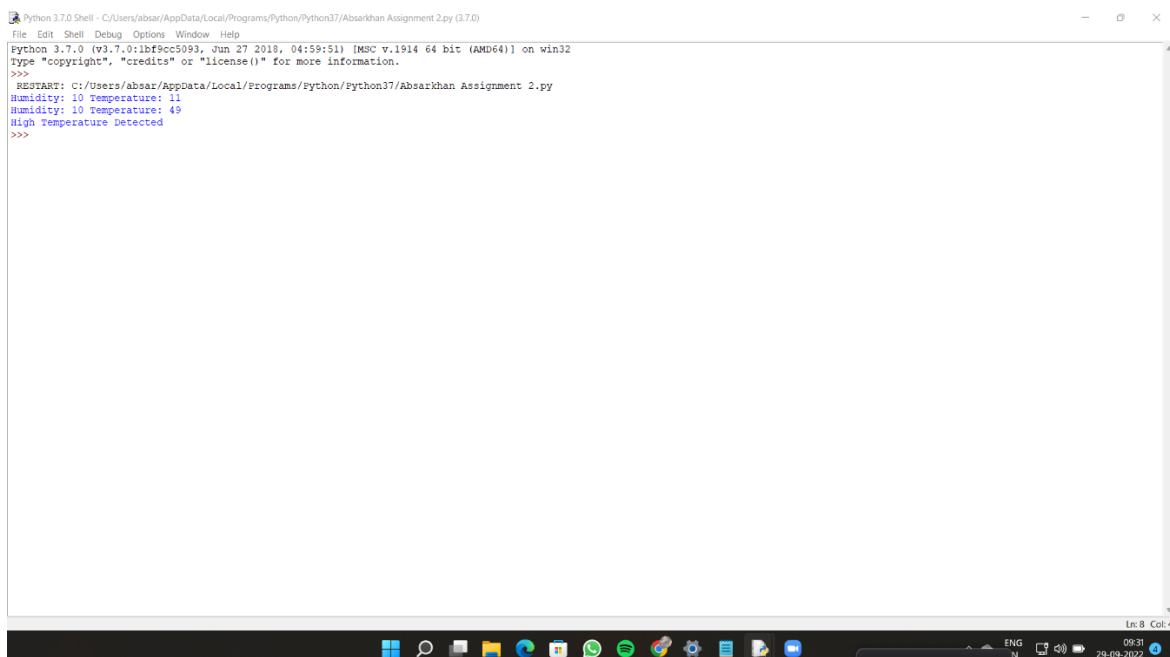
print('High Temperature Detected')
```

OUTPUT:

Humidity: 10 Temperature: 11

Humidity: 10 Temperature: 49

High Temperature Detected



```
Python 3.7.0 Shell - C:/Users/absar/AppData/Local/Programs/Python/Python37/Absarkhan Assignment 2.py (3.7.0)
File Edit Shell Debug Options Window Help
Python 3.7.0 (tags/v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/absar/AppData/Local/Programs/Python/Python37/Absarkhan Assignment 2.py
Humidity: 10 Temperature: 11
Humidity: 10 Temperature: 49
High Temperature Detected
>>>
```