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, 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: 22 Temperature: 30
Humidity: 26 Temperature: 41
Humidity: 21 Temperature: 38
Humidity: 24 Temperature: 27
Humidity: 41 Temperature: 44
Humidity: 10 Temperature: 23
Humidity: 32 Temperature: 34
Humidity: 21 Temperature: 31
Humidity: 18 Temperature: 22
Humidity: 26 Temperature: 29
Humidity: 23 Temperature: 23
Humidity: 32 Temperature: 32
Humidity: 21 Temperature: 32
Humidity: 16 Temperature: 20
Humidity: 28 Temperature: 42
```

Humidity: 12 Temperature: 34

Humidity: 35 Temperature: 44

Humidity: 18 Temperature: 25

Humidity: 17 Temperature: 33

Humidity: 32 Temperature: 34

Humidity: 15 Temperature: 26

Humidity: 27 Temperature: 27

Humidity: 18 Temperature: 30

Humidity: 36 Temperature: 41

Humidity: 18 Temperature: 24

Humidity: 31 Temperature: 33

Humidity: 35 Temperature: 49

High Temperature Detected