

## ASSIGNMENT -2

Build a python code, assume you get a temperature and humidity, (generated by a random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

SOURCE CODE :

```
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: 40 Temperature: 42
Humidity: 25 Temperature: 37
Humidity: 36 Temperature: 45
High Temperature Detected
```