

## Assignment 2

Build a python code, Assume you get temperature and humidity values(generated with random function to a variable) and write a condition to continuously detect the 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: 19 Temperature: 21
Humidity: 24 Temperature: 38
Humidity: 10 Temperature: 11
Humidity: 24 Temperature: 46
High Temperature Detected
> |
```