

**Assignment -2**  
Python Programming

Assignment Date	12 October 2022
Student Name	S.Mohamed Shafiq
Student Roll Number	910619104046
Maximum Marks	4 Marks

**Question-1:**

**Build a python code, Assume un 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.**

**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)
```

**OUTPUT:**

Humidity: 10 Temperature:11

Humidity:10 Temperature : 49

High Temperature Detected