

## Assignment -2

Assignment Date	25 September 2022
Student Name	Mr.W.Stephenraj
Student Roll Number	821919104027
Maximum Marks	2 Marks

### Question-1:

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 alarm in case of high temperature.

### Solution:

```
import random
from time import *
while(True):
    Temp = random.randint(0,100)
    Humid = random.randint(0,100)
    if Temp>50 and Humid<55:
        print("Temperature = ",Temp,"Humidity = ",Humid)
        print("Alert= 'Temperature goes high' & 'Humidity value decreases'")
        break
    else:
        print("Temperature = ",Temp,"Humidity = ",Humid)
        sleep(1);
```

### Output:

```
Temperature = 37 Humidity = 77
Temperature = 88 Humidity = 82
Temperature = 62 Humidity = 58
Temperature = 58 Humidity = 41
Alert= 'Temperature goes high' & Humidity value decreases
```