## Assignment -2

# **Python Programming**

Assignment Date	27 September 2022
Student Name	KARTHIK AK
Student Roll Number	110319106016
Maximum Marks	2 Marks

### Question-1:

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.

#### 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')</pre>
```

### **OUTPUT:**