**Assignment -2**

Python Programming

| Assignment Date | 28 September 2022 |
|---|---|
| Student Name | Mr. Gokul Erusappan N |
| Student Roll Number | 611219106023 |
| 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:**

```python
import random
print("Welcome to Temperature Detector\n")

temperatures = int(random.randint(22,125))

Humidity = int(random.randint(0, 109))
if(temperatures >=-40) and (temperatures <= -1):
    print("Low Temperature,Cold ")
    print("Humidity Level (Humidity)")
elif(temperatures >= 1) and (temperatures <= 20):
    print("Cold Breeze..")
    print("Humidity Level {Humidity}%")

elif(temperatures>=21 and temperatures <= 29 ):
    print("Normal Temperature")
    print(f"Humidity Level {Humidity}%")

elif(temperatures>=30 and temperatures <= 54):
    print("Temperature is High")
    print("Humidity Level (Humidity)s")
else:
    print("Ufff Hot")
    print("Humidity Level 0")
```

**Output:**

```
Welcome to Temperature Detector
Normal Temperature
Humidity Level 10%
>
```