## **ASSIGNMENT-2**

## **PYTHON PROGRAMMING**

Assignment Date	19 September 2022
Student Name	SANGEETHA M
Student Roll Number	917719D132
Maximum Marks	2 Marks

## **QUESTION-1:**

Build a python code, Assume you get temperature and humidity values (generated with random functions to a variable) and write a condition to continuously detect alarm in case of high temperature.

```
SOLUTION:
Let us consider normal
temperature=40 Celsius and normal
humidity=65% "
import random
Temperature=random.randint(1,100)
Humidity=random.randint(1,100)
print("Temperature:")
print(Temperature)
print("Humidity:")
print(Humidity)
if((Temperature>40)&(Humidity>65)):
print("Values are HIGH!!! ")
print("ALERT")
if((Temperature>40)&(Humidity<65)):
print("Tempertaure Value is HIGH!!!
") print("Check Temperature")
if((Temperature<40)&(Humidity>65)):
print("Humidity Value is HIGH!!! ")
print("Check Humidity")
if((Temperature<40)&(Humidity<65)):
print("All Values are in limit!!! ")
print("SAFE ZONE")
```

## **OUTPUT:**







