## **ASSIGNMENT -2** PYTHON PROGRAMMING

Assignment Date	14-10-2022
Student Name	HARISH S
Student Roll Number	111619106044

## **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:**







