

## ASSIGNMENT-2

- 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.

### Program:

```
from random import randint
i=0
while i<=n: #n=2
    hum=randint(50,70)
    temp=randint(5,35)
    if (temp>33)|(temp<17):
        print("Temperature alert "+str(temp)+" deg C")
    else:
        print("Temperature is "+str(temp)+" deg C")
    print("\n")
    if(hum>60)|(hum<50):
        print("Humidity alert "+str(hum)+" %")
    else:
        print("Humidity is "+str(hum)+" %")
    i=i+1
```

### Output:

Humidity alert 68 %

Temperature is 24 deg C

Humidity is 50 %

Temperature alert 8 deg C