

## 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 code:

```
import random
Temp = random.sample(range(0,120) , 10)
print ("Temp=", Temp)
Hum=random.sample(range(40,90), 10)
print("Hum=", Hum)
for i in Temp:
    if(i>80):
        print(f'{i} ALERT - Exceeds Normal Temperature ')
for j in Hum:
    if(j>80):
        print(f'{j} ALERT - Exceeds Normal Humidity ')
```

Output

Temp= [33, 45, 78, 72, 25, 49, 110, 4, 20, 29]

Hum= [47, 86, 89, 59, 48, 78, 62, 70, 67, 50]

110 ALERT - Exceeds Normal Temperature

86 ALERT - Exceeds Normal Humidity

89 ALERT - Exceeds Normal Humidity