**ASSIGNMENT 2**:

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:**

import random from time import \* gate=True while(gate):

t = random.randint(0,50) h = random.randint(10,50) if t>45 and h<40:

print("Temperature =",t,"Humidity =",h) print("ALARM ON") gate=False else:

print("Temperature =",t,"Humidity",h) sleep(1);

**OUTPUT:**

Temperature = 27 Humidity =38

Temperature = 36 Humidity= 39

Temperature = 23 Humidity= 40

Temperature = 24 Humidity =25

Temperature = 10 Humidity= 40

Temperature = 17 Humidity= 30 Temperature= 17 Humidity = 35

Temperature = 48 Humidity = 16

ALARM ON