**Assignment-2**

**Question:**

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.

**INPUT :**

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 = 7 Humidity 26

Temperature = 29 Humidity 27

Temperature = 27 Humidity 43

Temperature = 6 Humidity 10

Temperature = 38 Humidity 50

Temperature = 18 Humidity 35

Temperature = 38 Humidity 38

Temperature = 47 Humidity = 21

ALARM ON

Temperature = 7 Humidity 26

Temperature = 29 Humidity 27