**ASSIGNMENT 2**

**Build a python code , Assume you get temperature and humidity values (** generated with random function to a variable ) **and write a condition to continuously detect alarm incase of high temperature.**

**PROGRAM :**

import winsound

def getInput():

tempVal=input("Enter Temperature Value: ")

humVal=input("Enter Humidity Value: ")

return tempVal,humVal

def alarmCondition():

maxTemperatureLimit = 50

temperature,humidity = getInput()

if int(temperature) >= maxTemperatureLimit:

print("alarm")

frequency = 2500 #Set Frequency To 2500Hz

duration = 3000 #Set Duration To 1000 ms ==1 second

winsound.Beep(frequency , duration)

else :

print("No alarm")

alarmCondition()

**OUTPUT :**

