**PYTHON ASSIGNMENT 2**

import random

import time

def temperature(temp):

        print(temp)

        if (temp > 60.0):

            print(" Temperature (Alarm detected) : ",temp)

            time.sleep(0.75)

        elif(temp >40.0):

            print("Normal temperature : ",temp)

            time.sleep(0.75)

        else:

            print("safe temperature : ",temp)

            time.sleep(0.75)

def humidity(hum):

    print(humidity)

    if(humidity >20.0):

        print("Humidity (Alarm detected) : ",humidity)

        time.sleep(0.75)

    elif(humidity >10.0):

        print("Normal humidity : ",humidity)

        time.sleep(0.75)

    else:

        print("safe humidity : ",humidity)

        time.sleep(0.75)

while(1):

    temperature(temp= (random.random())\*100)

    humidity(hum=(random.random())\*100)