IBM ASSIGNMENT 2

VIBIN.T

QUESTION:

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 in case of high temperature.

CODE:

import random

import time

while True:

t = random.randrange(-100, 200)

if (t >= 100):

hum = random.randrange(50,100)

else:

hum = random.randrange(0, 49)

if (t <= 100 and hum < 50):

print(t, hum, " is the temperature and humidity", end=", ")

print("Alarm Deactivated ")

else:

print(t, hum, " is the temperature and humidity", end=", ")

print("Alarm Activated")

