**IoT Assignment-2**

import random  
while(True):  
 a=random.randint(10,99)  
 b=random.randint(10,99)  
 if (a>30 and b>50):  
 print("High Temperature and Humidity of:",a,b,"%","Alarm is on")  
 elif(a>30 and b>50):  
 print("Normal Temperature and Humidity of:",a,b,"%","Alarm is off")  
 break

**Output:**

**C:\Users\John\PycharmProjects\pythonProject8\venv\Scripts\python.exe C:\Users\John\PycharmProjects\pythonProject8\main.py**

**High Temperature and Humidity of: 92 55 % Alarm is on**

**High Temperature and Humidity of: 67 85 % Alarm is on**

**High Temperature and Humidity of: 51 63 % Alarm is on**

**High Temperature and Humidity of: 43 90 % Alarm is on**

**High Temperature and Humidity of: 72 63 % Alarm is on**

**High Temperature and Humidity of: 74 88 % Alarm is on**

**High Temperature and Humidity of: 76 93 % Alarm is on**

**High Temperature and Humidity of: 56 96 % Alarm is on**

**High Temperature and Humidity of: 60 75 % Alarm is on**

**High Temperature and Humidity of: 69 90 % Alarm is on**

**High Temperature and Humidity of: 49 76 % Alarm is on**

**High Temperature and Humidity of: 47 94 % Alarm is on**