t=int(input("Enter the Temperature: "))

h=int(input("Enter the Humidity: "))

if((t<50)&(h<30)):

print("Temperature is normal")

print("Humidity is normal")

print("Alarm off")

elif((t<50)&(h>30)):

print("Temperature is low")

print("Humidity is high")

print("Alarm off")

elif((t>50)&(h<30)):

print("Temperature is high")

print("Humidity is high")

print("Alarm on")

elif((t>50)&(h>30)):

print("Temperature is high")

print("Humidity is low")

print("Alarm on")

else:

print("Temperature is very low")

print("Humidity is very low")

print("Alarm off")