

```
print("TEMPERATURE AND HUMIDITY  
ALERT SYSTEM")  
import random  
a=random.randint(1,100)  
b=random.randint(1,50)  
if((a<=40)&(b<=30)):  
    print("TEMP IS MODERATE:".a,"%")  
    print("HUM IS MODERATE:".b,"%")  
    print("ALARM OFF")  
if((a<=40)&(b>=30)):  
    print("TEMP IS LOW:".a,"%")  
    print("HUM IS HIGH:".b,"%")  
    print("ALARM OFF")  
if((a>=40)&(b<=30)):  
    print("TEMP IS HIGH:".a,"%")  
    print("HUM IS HIGH:".b,"%")  
    print("ALARM ON")  
if((a>=40)&(b>=30)):  
    print("TEMP IS HIGH:".a,"%")  
    print("HUM IS LOW:".b,"%")  
    print("ALARM ON")  
else:  
    print("TEMP IS TOO LOW:".a,"%")  
    print("HUM IS TOO LOW:".b,"%")  
    print("ALARM OFF")
```