PROGRAM

```python
n = int(input("enter the temperature: "))
if n>=50 and n<=100:
    print("yourroom temp is",n,"° it's normal ")
elif n>=101:
    print("your room temp is",n,"° celsius degrees is hot")
else:
    print("nothing to worry your room temp is",n,"° celsius degrees is not hot")
    n = int(input("enter the humidity: "))
if n>=50 and n<=100:
    print("humidity is",n,"% it's normal ")
elif n>=101:
    print("humidity is",n,"% humidity is high level")
else:
    print("nothing to worry your humidity is",n,"% nothing to normal or equal humidity")
if n>=50 and n<=100:
        print("security alarm is",n," it's off")
elif n>=100:
    print("security alarm is",n," security alarm is on")
else:
    print("nothing to worry your security alarm is",n," nothing to security alarm is off")
```

OUTPUT:

```
    enter the temperature: 101
your room temp is 101 ° celsius degrees is hot
humidity is 101 % humidity is high level
security alarm is 101  security alarm is on
```

PROGRAM

```python
n = int(input("enter the number: "))

if n>=50 and n<=100:
    print("yourroom temp is",n,"° it's normal ")
elif n>=101:
    print("your room temp is",n,"° celsius degrees is hot")
else:
    print("nothing to worry your room temp is",n,"° celsius degrees is not hot")
    n = int(input("enter the number: "))

if n>=50 and n<=100:
    print("humidity is",n,"% it's normal ")
elif n>=101:
    print("humidity is",n,"% humidity is high level")
else:
    print("nothing to worry your humidity is",n,"% nothing to normal or equal humidity")

if n>=50 and n<=100:
        print("security alarm is",n," it's off")
elif n>=100:
    print("security alarm is",n," security alarm is on")
else:
    print("nothing to worry your security alarm is",n," nothing to security alarm is off")
```

OUTPUT:

```
 enter the number: 50
yourroom temp is 50 ° it's normal
humidity is 50 % it's normal
security alarm is 50  it's off
```