

```
#program for temperature sensing

import random

i=1

while i<=1:

    a=random.choice(range(30,90,1)) #reading temp randomly

    b=a

    print(h)

    if b>30:

        if b<60:

            print("normal humidity") #humidity between 30% to 60%

        else:

            print("high humidity") #humidity greater than 60%

            print("alarm detected")

    else:

        print("low humidity") #humidity less than 30%
```

```
#program for temperature sensing

import random

i=1

while i<=1:

    c=random.choice(range(15,30,1)) #r reading temp randomly

    x=c

    print(x)

    if x>15:

        if x<25:

            print("normal temperature") #temp between 15 to 25

        else:

            print("high temperature") #temp greater than 25

            print("alarm detected")

    else:

        print("low temperature") #temp less than 15
```