

## CODE

```
Import random

J=1

While(j<=10):

    Temp=random.randint(-88,58)

    Humd=random.randint(1,10)

    Humd=humd*10

    Print(f"TEMPERATURE: {temp}\u00B0C")

    Print(f"HUMIDITY: {humd}%")

    If temp>37 and humd>50:

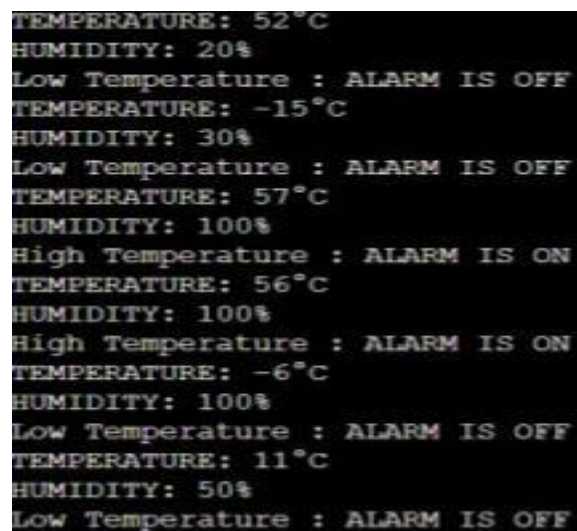
        Print("High Temperature : ALARM IS ON")

    Else:

        Print("Low Temperature : ALARM IS OFF")

    J=j+1
```

## OUTPUT



```
TEMPERATURE: 52°C
HUMIDITY: 20%
Low Temperature : ALARM IS OFF
TEMPERATURE: -15°C
HUMIDITY: 30%
Low Temperature : ALARM IS OFF
TEMPERATURE: 57°C
HUMIDITY: 100%
High Temperature : ALARM IS ON
TEMPERATURE: 56°C
HUMIDITY: 100%
High Temperature : ALARM IS ON
TEMPERATURE: -6°C
HUMIDITY: 100%
Low Temperature : ALARM IS OFF
TEMPERATURE: 11°C
HUMIDITY: 50%
Low Temperature : ALARM IS OFF
```