

PYTHON CODE

```
import random
temp_value=random.randint(1,100)
humidity_value=random.randint(1,50)
print(temp_value)
print(humidity_value)
if((temp_value<45)&(humidity_value<35)):
    print("Normal temperature")
    print("Normal humidity")
elif((temp_value>45)&(humidity_value<35)):
    print("High temperature")
    print("Low humidity")
elif((temp_value<45)&(humidity_value>35)):
    print("Low Temperature")
    print("High Humidity")
elif((temp_value>45)&(humidity_value>35)):
    print("High temperature")
    print("High humidity")
```

else:

```
print("Very low Temperature")  
print("Very low humidity")  
print("Alarm off")
```

OUTPUT:

```
61  
35  
temperature is very low  
humidity is very low  
Alarm off  
> |
```

```
43  
39  
temperature is low  
humidity is high  
> |
```

```
81  
21  
temperature is high  
humidity is low  
>
```