

## 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("temperature is normal")
    print("humidity is normal")
elif((temp_value>45)&(humidity_value<35)):
    print("temperature is high")
    print("humidity is low")
elif((temp_value<45)&(humidity_value>35)):
    print("temperature is low")
    print("humidity is high")
elif((temp_value>45)&(humidity_value>35)):
    print("temperature is high")
    print("humidity is high")
else:
    print("temperature is very low")
    print("humidity is very low")
    print("Alarm off")
```

## OUTPUT:

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

61

35

temperature is very low

humidity is very low

Alarm off

> |

43

39

temperature is low

humidity is high

> |