

Assignment-2

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CODE:

```
import random

temp=random.randint(10,100)
humid=random.randint(1,100)
print("Temperature=",temp)
print("Humidity=",humid)

if ((temp<20)&(humid>50)):
    print("Temperature is low");
    print("Do not ring the alarm");
elif((temp>30)&(humid<40)):
    print("Temperature is high");
    print("Ring the alarm");
else:
    print("Normal temperature");
    print("Do not ring the alarm");
```

OUTPUT:

```
Temperature= 77
Humidity= 44
Normal temperature
Do not ring the alarm
```

```
1 import random
2 temp=random.randint(10,100)
3 humid=random.randint(1,100)
4 print("Temperature=",temp)
5 print("Humidity=",humid)
6
7- if ((temp<20)&(humid>50)):
8     print("Temperature is low");
9     print("Do not ring the alarm");
10- elif((temp>30)&(humid<40)):
11     print("Temperature is high");
12     print("Ring the alarm");
13- else:
14     print("Normal temperature");
15     print("Do not ring the alarm");
```

```
Temperature= 47
Humidity= 56
Normal temperature
Do not ring the alarm
> |
```