

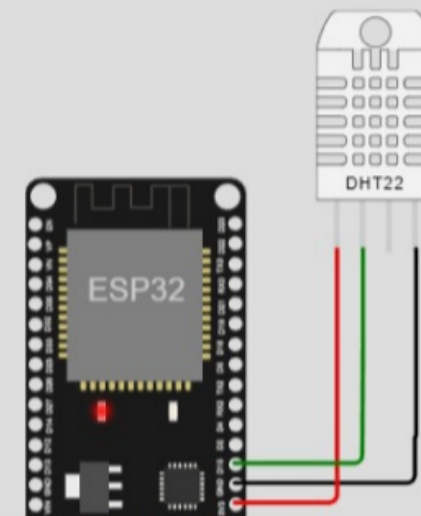
```
Enter Threshold Temperature(Range 0,50):2
Random Temperature: 31
Random Temp: 31 higher than 2 (Threshold Temperature)
Enter 1 to Repeat:1
Random Temperature: 31
Random Temp: 31 higher than 2 (Threshold Temperature)
Enter 1 to Repeat:[]
```

main.py • diagram.json •

```
1 import random
2 threshold = int(input("Enter Threshold Temperature(Range 0,50):"))
3 a=1
4 while(a==1):
5     val=random.randint(0,50)
6     print("Random Temperature: ",val)
7     if val>threshold:
8         print("Random Temp:",val,"higher than",threshold,"(Threshold Temperature)")
9     elif threshold>val:
10        print("Random Temp:",val,"less than",threshold,"(Threshold Temperature)")
11    else:
12        print("Random Temp:",val,"equals to",threshold,"(Threshold Temperature)")
13    a=int(input("Enter 1 to Repeat:"))
14
```

Simulation

00:22.478 1



```
Enter Threshold Temperature (Range 0, 50):2
Random Temperature: 31
Random Temp: 31 higher than 2 (Threshold Temperature)
Enter 1 to Repeat:1
Random Temperature: 31
Random Temp: 31 higher than 2 (Threshold Temperature)
Enter 1 to Repeat:
```