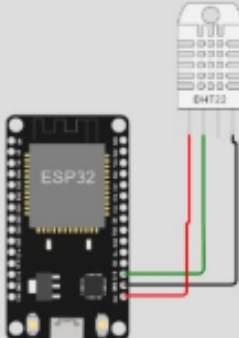


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```
Enter Threshold Temperature(Range 0,50):30
Random Temperature: 7
Random Temp: 7 less than 30 (Threshold Temperature)
Enter 1 to Repeat:1
Random Temperature: 14
Random Temp: 14 less than 30 (Threshold Temperature)
Enter 1 to Repeat:1
Random Temperature: 11
Random Temp: 11 less than 30 (Threshold Temperature)
Enter 1 to Repeat:1
```

Type here to search

31°C Mostly cloudy 18:35 01-10-2022 ENG

WOKWI

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 Temperat")
9     elif threshold>val:
10        print("Random Temp:",val,"less than",threshold,"(Threshold Temperatur")
11    else:
12        print("Random Temp:",val,"equals to",threshold,"(Threshold Temperatur")
13    a=int(input("Enter 1 to Repeat:"))
14
```

Simulation

ESP32

DHT22

Enter Threshold Temperature(Range 0,50):30
Random Temperature: 7
Random Temp: 7 less than 30 (Threshold Temperature)
Enter 1 to Repeat:1
Random Temperature: 14
Random Temp: 14 less than 30 (Threshold Temperature)
Enter 1 to Repeat:1
Random Temperature: 11
Random Temp: 11 less than 30 (Threshold Temperature)
Enter 1 to Repeat:1

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