

Python 3.5.3 Shell 1.py - /home/pi/1.py (3.5...) temp.py - /home/pi/temp.py (3.5.3)

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```
import RPi.GPIO as GPIO
import dht11

GPIO.setwarnings(False)
GPIO.setmode(GPIO.BCM)

instance=dht11.DHT11(2)

while True:
    result=instance.read()
    if result.is_valid():
        print("Temp:%dC" %result.temperature+ " " + "Humid:%d%%" % result.humidity)
```

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dht11.py - /home/pi/dht11.py (3.5.3)

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```
import RPi.GPIO as GPIO
import dht11

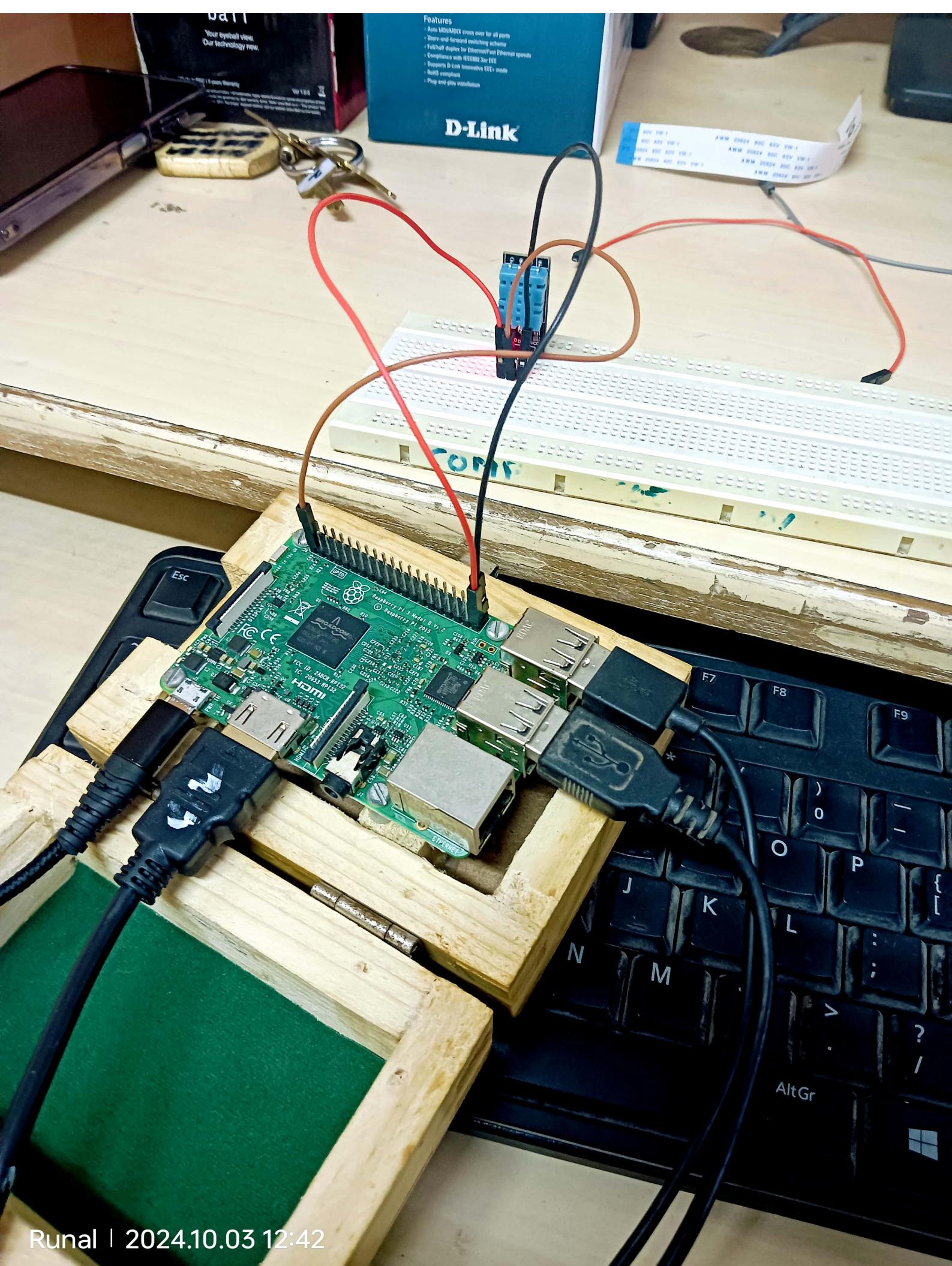
GPIO.setmode(GPIO.BCM)
GPIO.setup(40,GPIO.IN)
GPIO.setup(39,GPIO.OUT)

instance=dht11.dht11(pin=40)

result=instance.read()
threshold=input("enter the threshold")

while(1):
    temp=result.temperature
    if(temp>threshold):
        GPIO.OUTPUT(39,GPIO.HIGH)
    else:
        GPIO.OUTPUT(39,GPIO.LOW)

    print("temperature %d C"%result.temperature)
```



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