1 import time

2 import board

3 import adafruit\_dht

4 import psutil

5

6 # We first check if a libgpiod process is running. If yes, we kill it!

7 for proc in psutil.process\_iter():

8 if proc.name() == 'libgpiod pulsein'orproc.name()'libgpiodpulsei':proc.kill()

9

10

11 sensor = adafruit\_dht.DHT11(board.D23)

12

13 while True:

14 try:

15 temp sensor.temperature

16 humidity = sensor.humidity

17 print("Temperature: {}\*C Humidity: {}%".format(temp, humidity))

18 except RuntimeError as error:

19 print(error.args[0])

20 time.sleep(2.0)

21 continue

22 except Exception as error:

23 sensor.exit()

24 raise error

25

26 time.sleep(2.0)

Shell

>>> Run DHT2.py

Temperature: 24\*C Humidity: 64%

Temperature: 24\*C Humidity: 64%

A full buffer was not returned . try again.

Temperature: 24°c Humidity: 64%

Temperature: 24°C Humidity: 64%

Temperature: 24\*C Humidity: 64%

Temperature: 24\*C Humidity: 64%

Checksum did not validate. Try again.

Temperature: 24\*C Humidity: 64%

Temperature: 24\*C Humidity: 64%

Temperature: 24\*C Humidity: 64%