



New



Load



Save



Run



Debug



Over



Into



Out



Stop



Zoom



Quit

DHT.py × DHT2.py ×

```
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' or proc.name() == 'libgpiod_pulsei':
9         proc.kill()
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

```
> python3 -u /home/pi/Documents/DHT2.py
```

```
>>> %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%
Checksum did not validate. Try again.
Temperature: 24*C Humidity: 64%
Temperature: 24*C Humidity: 64%
Temperature: 24*C Humidity: 64%
```