**PYTHON PROGRAM FOR TEMPERATURE AND HUMANITY**

import time

import board

import adafruit\_dht

import psutil

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

for proc in psutil.process\_iter():

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

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

while True:

try:

temp sensor.temperature

humidity = sensor.humidity

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

except RuntimeError as error:

print(error.args[0])

time.sleep(2.0)

continue

except Exception as error:

sensor.exit()

raise error

time.sleep(2.0)

Shell

>>> Run DHT2.py

**OUTPUT:**

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%