

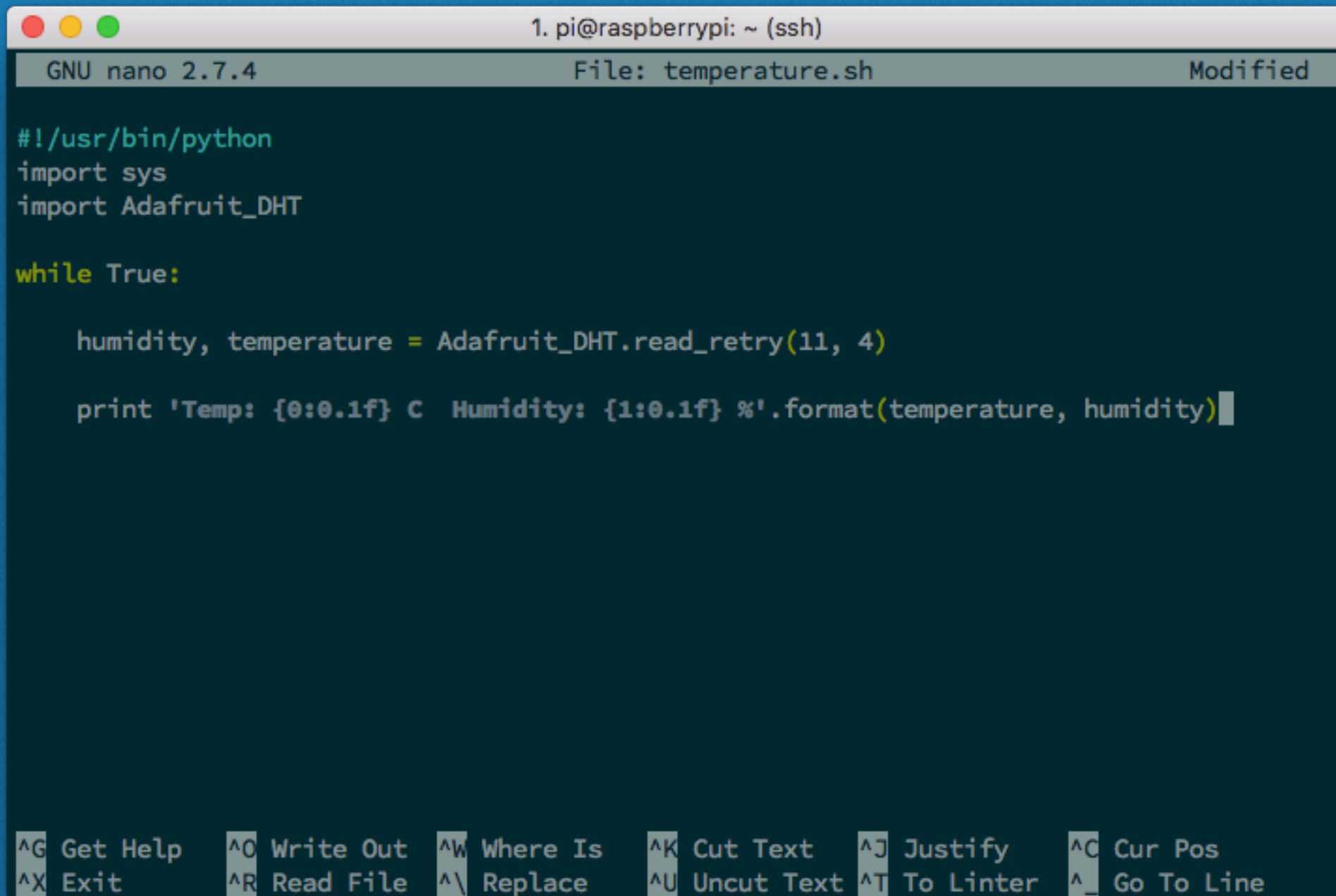
Jak to zrobić?

Instalujemy sterowniki

```
1. pi@raspberrypi: ~/Adafruit_Python_DHT (ssh)
pi@raspberrypi:~ $ cd Adafruit_Python_DHT/
pi@raspberrypi:~/Adafruit_Python_DHT $ sudo python setup.py install
running install
running bdist_egg
running egg_info
creating Adafruit_DHT.egg-info
writing Adafruit_DHT.egg-info/PKG-INFO
writing top-level names to Adafruit\_DHT.egg-info/top\_level.txt
writing dependency_links to Adafruit_DHT.egg-info/dependency_links.txt
writing manifest file 'Adafruit_DHT.egg-info/SOURCES.txt'
reading manifest file 'Adafruit_DHT.egg-info/SOURCES.txt'
writing manifest file 'Adafruit_DHT.egg-info/SOURCES.txt'
installing library code to build/bdist.linux-armv7l/egg
running install_lib
running build_py
creating build
creating build/lib.linux-armv7l-2.7
creating build/lib.linux-armv7l-2.7/Adafruit_DHT
copying Adafruit_DHT/Raspberry_Pi.py -> build/lib.linux-armv7l-2.7/Adafruit_DHT
copying Adafruit_DHT/Beaglebone_Black.py -> build/lib.linux-armv7l-2.7/Adafruit_DHT
copying Adafruit_DHT/platform_detect.py -> build/lib.linux-armv7l-2.7/Adafruit_DHT
copying Adafruit_DHT/Raspberry_Pi_2.py -> build/lib.linux-armv7l-2.7/Adafruit_DHT
```

Jak to zrobić?

Tworzymy prosty skrypt w Pythonie
odczytujący dane z czujnika

A screenshot of a terminal window on a Raspberry Pi. The window title is '1. pi@raspberrypi: ~ (ssh)'. The terminal shows the GNU nano 2.7.4 editor editing a file named 'temperature.sh'. The script content is as follows:

```
#!/usr/bin/python
import sys
import Adafruit_DHT

while True:

    humidity, temperature = Adafruit_DHT.read_retry(11, 4)

    print 'Temp: {0:0.1f} C  Humidity: {1:0.1f} %'.format(temperature, humidity)
```

The bottom of the terminal displays a row of keyboard shortcuts for the nano editor, such as '^G Get Help', '^O Write Out', '^W Where Is', etc.