

<https://www.cl.cam.ac.uk/projects/raspberrypi/tutorials/temperature/>

```
modprobe w1-gpio
modprobe w1-therm
```

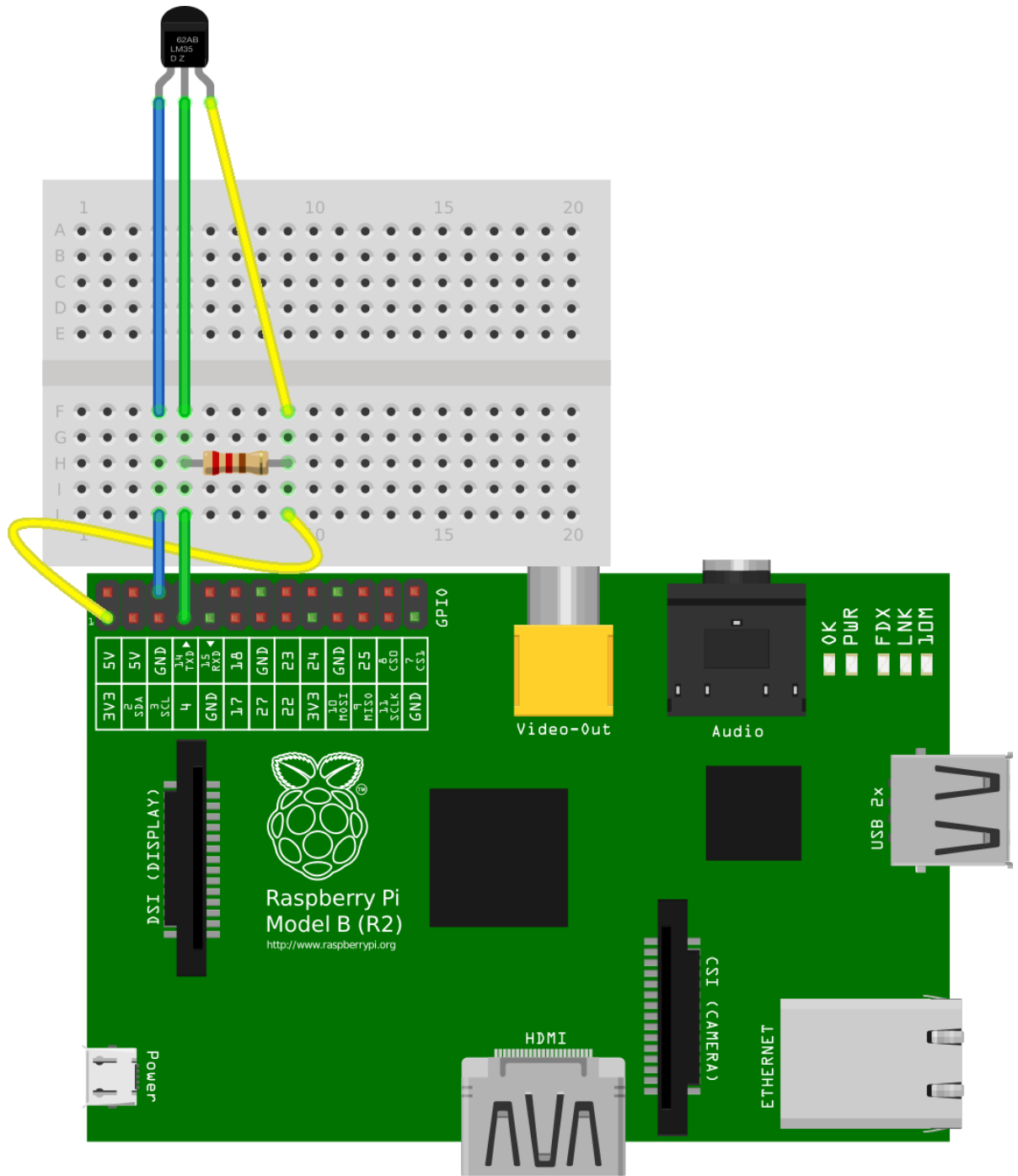
```
cd /sys/bus/w1/devices/
cd 28*
/sys/bus/w1/devices/28-000005a8f749# watch " cat w1_slave "
```

Python

```
# Open the file that we viewed earlier so that python can see what is in it. Replace the serial
number as before.
tfile = open("/sys/bus/w1/devices/10-000802824e58/w1_slave")
# Read all of the text in the file.
text = tfile.read()
# Close the file now that the text has been read.
tfile.close()
# Split the text with new lines (\n) and select the second line.
secondline = text.split("\n")[1]
# Split the line into words, referring to the spaces, and select the 10th word (counting from 0).
temperaturedata = secondline.split(" ")[9]
# The first two characters are "t=", so get rid of those and convert the temperature from a string
to a number.
temperature = float(temperaturedata[2:])
# Put the decimal point in the right place and display it.
temperature = temperature / 1000
print temperature
```

JE cas se zamyslet....

1. po rebootu nezustane modul v jadre / kdo poradi?
2. zapsat cas po minute/5 minutach do souboru
 - 2.1. crontab
 - 2.2. /var/www/ je root
3. soubor dat na web/do DB/
4. zpracovat statistiku- kam



fritzing