**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**
   1. **crontab**
   2. **/var/www/ je root**
3. **soubor dat na web/do DB/**
4. **zpracovat statistiku- kam**

