Exercise sheet 1x – Basic setup and first steps with Linux

Goals:

- First steps with Linux
- Having some background information about Linux

Exercise 1x.1: Test terminal

(a) What is the current directory?

(b) Which user are you?

(c) What is the hostname?

(d) Which Linux are you using (`uname -a`)?

Exercise 1x.2: Watch: The Power of Linux: How Linux is Built

  https://www.youtube.com/watch?v=2acF_NrjlAA

(a) On which devices runs Linux? (additionally search on the internet…)

(b) Who determines what parts come into the kernel and which do not?

(c) How many people work on the Linux kernel?

(d) How many lines of code has the Linux kernel (search on the internet…)

(e) What is a patch?

(f) Where is the Linux kernel hosted?

(g) Who founded Linux?

Exercise 1x.3: Watch: background videos (at home)
The mind behind Linux | Linus Torvalds
https://www.youtube.com/watch?v=o8NPllzkFhE

LOTS of People Have IDEAS. Can You EXECUTE YOURS? - Linus Torvalds - Top 10 Rules
https://www.youtube.com/watch?v=xZRo37r70lE

(a) How does Linus Torwald tick?

(b) Is he nice to other people?

(c) Does he enjoy collaborate with other poeple?

(d) Which parts will you do in a similar way as Linus Torvalds, and which parts not?

Exercise 1x.4: Watch: linux course video (optional, at home)
The Complete Linux Course: Beginner to Power User! (if you have that time $\approx$7:30h)
https://www.youtube.com/watch?v=wBp0Rb-ZJak