Solutions: Unix Basics

Task 1

Task 2

- `whoami`

Prints the current user.

- `groups`

Prints the groups of the current user.

- `pwd`

Prints the current directory.

- `date`

Prints the date and time.

- `echo Hallo`

Prints `Hallo` on terminal.

- `echo $PATH`

Prints the directories of the environment variable `PATH` from where executables can be executed without navigating to the directory or adding the path before it.

- `export MYLABEL=blabla`

Creates a new environment variable with the name `MYLABEL` which has the value `blabla` assigned.

- `echo $MYLABEL`

Prints the value of the created environment variable.

- `ps -ef`

`ps` stands for *process status* and is used to print the current running processes. The option `-e` selects all processes and the options `-f` formats the output.

- `ps -ef > ps.out`

Writes the output of `ps -ef` in the file `ps.out`

- `cat ps.out`

Prints the content of the file `ps.out`

- `more ps.out`

Similar to `cat`, `more` display the content of the file. While `cat` alwas prints the whole content `more` only prints the parts of the file which fit on the terminal. If more content is stored in the file than it's printable with `more` you scroll down using `enter`

- `less ps.out`

Similar to `more` it prints the content of a file which fits on the screen.

- `head ps.out`

Prints the first 10 lines of a file.