Linux Essentials: Hoofdstuk 6, Software en paketten.

Oefening 1:

* student@student:~$ sudo apt update

Oefening 2:

* student@student:~$ sudo apt upgrade

Oefening 3:

* student@student:~$ sudo apt search usage and stats
* student@student:~$ sudo apt install btop

Oefening 4:

* student@student:~$ sudo apt search colorful cat
* student@student:~$ sudo apt install lolcat

Oefening 5:

* student@student:~$ sudo apt install neofetch && neofetch

Oefening 6:

* student@student:~$ sudo apt search the matrix
* student@student:~$ sudo apt install cmatrix

Oefening 7:

* student@student:~$ sudo apt remove btop

Oefening 8:

* student@student:~$ sudo apt search caca-utils
* student@student:~$ sudo apt show caca-utils
* student@student:~$ cacafire
* student@student:~$ cacademo

Oefening 9:

* student@student:~$ sudo snap find resource monitor

Oefening 10:

* student@student:~$ sudo snap install bashtop

Oefening 11:

* student@student:~$ snap run bashtop

Oefening 12:

* student@student:~$ sudo snap connect bashtop:mount-observe

Oefening 13:

* student@student:~$ snap list

Oefening 14:

* student@student:~$ sudo snap remove bashtop

Oefening 15:

* student@student:~$ snap list

Oefening 16:

* student@student:~$ snap changes

Oefening 17:

* student@student:~$ snap find asciiquarium
* student@student:~$ sudo snap install asciiquarium
* student@student:~$ snap info asciiquarium
* student@student:~$ snap run asciiquarium

Oefening 18:

* student@student:~$ zip -r /tmp/myhomefolder.zip /home/student

Oefening 19:

* student@student:~$ zip -d /tmp/myhomefolder.zip /home/student/.bash\_history
* student@student:~$ unzip -l /tmp/myhomefolder.zip

Oefening 20:

* student@student:~$ mkdir /tmp/zipdemo
* student@student:~$ unzip /tmp/myhomefolder.zip -d /tmp/zipdemo
* student@student:~$ tree /tmp/zipdemo

Oefening 21:

* student@student:~$ tar -cvzf /tmp/myhomefolder.tar.gz /home/student
* student@student:~$ tar –list -f /tmp/myhomefolder.tar.gz
* student@student:~$ mkdir /tmp/tardemo
* student@student:~$ tar -xf /tmp/myhomefolder.tar.gz -C /tmp/tardemo
* student@student:~$ tree /tmp/tardemo

extra uitleg:   
tar: Command for working with tar archives.

1. -c: Flag to create a new archive.
2. -v: Flag for verbose output (displays progress).
3. -z: Flag to use gzip compression.
4. -f: Flag to specify the archive filename.
5. /home/student: Path of the directory to be archived.

Unzips van tarball:

tar: Command for working with tar archives.

1. -x: Flag to extract the contents of an archive.
2. -f /tmp/myhomefolder.tar.gz: Flag and argument specifying the archive file to be extracted, which is /tmp/myhomefolder.tar.gz.
3. -C /tmp/tardemo: Flag and argument indicating the directory where the extracted files and directories will be placed. In this case, they will be placed in the /tmp/tardemo directory.

Oefening 22:

* student@student:~$ mkdir /tmp/original\_extracted
* student@student:~$ tar -xzvf /tmp/myhomefolder.tar.gz -C /tmp/original\_extracted
* student@student:~$ rm /tmp/original\_extracted/home/student/.bashrc
* student@student:~$ tar -czvf /tmp/myhomefolder\_updated.tar.gz -C /tmp/original\_extracted .
* student@student:~$ rm -r /tmp/original\_extracted

Oefening 23 & 24:

* niet mogelijk op CLI (server die we moeten gebruiken)