

## Linux Essentials: Hoofdstuk 6, Software en pakketten.

### 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.

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)