

# 2550 L2

Basic Linux

# Directories

Home dir

Root dir

`/usr/bin`

# Basic commands

ls - listing files

cd - "change directory"

rm - "remove" erase files

cp <src> <dst> - "copy"

mv <src> <dst> - "move"

mkdir, rmdir - making/erasing a directory

cat - "show a file"

less - "show a file, but 1 page at a time"

ps - "list processes"

vi - editor

grep

man

vi

:q. Quit

:w write

i enter insert mode

# Pipes

[program 1] | [program 2]

[program 1] > file

[program 1] < file

# Processes

ps

kill

top

# Basic scripts

```
for i in 0 1 2; do  
...  
done
```

```
seq 1 100
```

# Make a password

head

Prints the first few lines of a file

base64

Encodes its input in base64, which only uses 64 ascii characters like a-zA-Z0-9\_-

/dev/urandom

The operating system's source of randomness



curl