

The Terminal

Computing

Navigation, files and processes — the commands underneath every tool.

Unix, macOS and Linux. Most work in Windows via WSL or Git Bash.

Moving around

pwd – where am I

ls -la – list, including hidden

cd - – back to the last directory

cd ~ – home

Files

cp -r – copy a directory

mv – move or rename

rm -i – delete, asking first

mkdir -p – make nested directories

cat / less – read a file

tail -f – follow a file as it grows

Finding

grep -rn "x" . – search recursively, with line numbers

find . -name "*.ts" – find by filename

which cmd – where a command lives

history | grep x – what did I run

Processes

ps aux | grep x – is it running

kill -9 PID – force stop

lsof -i :3000 – what holds this port

Ctrl-C stop · **Ctrl-Z** suspend

Pipe with **|** and chain with **&&**. Almost every command reads standard input and writes standard output.