CLI Cheat Sheet

Quality of Life	
man <command>	Show manual page
command --help	Help page
tab	Autocomplete command/path
./script	Execute script
up and down arrows	Recent commands
ctrl + r	Search command history

Filesystem Navigation	
ls [path]	Show directory content
ls -l [path]	Show detailed view
ls -a [path]	Show hidden files
cd <path>	Change directory to <path>
cd ..	Go up a level

File Manipulation	
mkdir <name>	Create directory
mkdir -p <path>	Create all directories in path
cp <source> <target>	Copy <source> to <target>
cp -r <source> <target>	Copy directory
mv <source> <target>	Move file or directory
rm <file>	Delete file
rm -r <directory>	Delete directory
rm -f	Delete without confirmation

Permissions	
chmod <octal code> <file>	Update permissions with octal code
octal code (sum relevant codes) 1 2 4	execute (cd right for directories) write read

Read and write files	
nano [filename]	Simple text editor
cat <filename>	Print file's content in terminal
tail -f <file>	Print and follow new appended lines
<command1> | <command2>	Feed the output of command 1 to command 2
grep <pattern> <filename>	Search for pattern in a file
command > filename	Redirect command output to filename in overwrite mode
command >> filename	Redirect command output to filename in append mode

File Transfer	
rsync -azvu <source> [user@]<host>:<destination>	Copy file to server
rsync -azvu [user@]<host>:<source> <destination>	Copy file from server