Unix Cheatsheet - Common Commands

To get the help page/manual for any linux command either type

`man <command>` e.g. `man ls`

or

`<command> --help` e.g. rm --help

Command	Use	Examples
`ls`	List files	`ls` (list files in current directory)
		`ls fastq` (list files inside fastq directory)
`cd`	Move between (**c**hange) **d**irectories	`cd fastq` (move into the fastq directory)
		`cd fastq/data1` (move into the `data1` directory inside the `fastq` directory)
		`cd ..` (To move to the parent of the current directory)
		`cd ~` (To move to the top of the directory tree)
`mkdir`	make new directory	`mkdir my_folder`
`pwd`	Where am I?	
`mv`	move a file or directory	`mv my_file my_folder/.` (move `my_file` into a `my_folder`)
		`mv my_file my_new_file` (equivalent of renaming `my_file` to `my_new_file`)
`cp`	copy file	`cp my_file new_file`
`cp -r`	copy folder	`cp -r my_folder my_new_folder`
`rm`	Remove a file	`rm file`
`rm -r`	Remove a folder	`rm -r folder`
`cat`	Print file content	`cat my_file`
`zcat`	Print file content of compressed files	`zcat SRR7889597.fastq.gz`
`less`	Displays the contents of a file	`less my_file.txt` (press q to quit)
`head`	Displays the first ten lines of a file	`head my_file.txt`
`tail`	Displays the last ten lines of a file	`tail my_file.txt`
`wc`	count lines, words and characters	`wc my_file`
`grep`	Pattern matching	`grep hello my_file` (get lines in `my_file` that contain the word "hello")
`cut`	extract columns from files	`cut -f 2 my_file.txt` (extract second column)
`sort`	sort the rows of a file	`sort my_file.txt`
`uniq`	keep unique rows (remove duplicates)	`uniq my_file.txt`