Intermediate Command Line

Special Directory Referencing Characters

`.`	current working directory (cwd)
`/`	root directory; the top of the file hierarchy
`~`	home or user directory; examples: `/home/USERNAME or C:/Users/USERNAME`

Navigating with `cd`

`cd ~`	go to home directory
`cd images/icons`	go to `./images/icons`
`cd ..`	go to the immediate parent of the current working directory
`cd ../..`	go to the parent of the parent
`pwd`	print current working directory
`ls`	print list of non-hidden directories in cwd
`ls DIRNAME`	print list of directories in `./DIRNAME`
`ls`	print list of non-hidden directories in cwd
`cat FILENAME`	displays contents of the file in terminal

Creating, editing, and deleting directories and files

`mkdir DIRNAME`	create a directory in cwd
`touch FILENAME`	create file in cwd
`touch FILE_1 FILE_2`	create all files listed in cwd
`code FILENAME`	create file and open it in VSCode
`vim FILENAME`	create a file called filename and opens in Vim (a terminal text editor)
`rm FILENAME`	delete the file
`rmdir DIRNAME`	delete an empty directory
`rm -r DIRNAME`	delete directory and all its contents

Copying and Moving Files and Folders

`cp FILENAME DIRNAME`	make a copy of `FILENAME` in `./DIRNAME`
`cp FILENAME DIRNAME/NEWNAME`	make a copy of `FILENAME` in `./DIRNAME` and rename it `NEWNAME`
`mv FILENAME DIRNAME`	move `FILENAME` to `./DIRNAME`
`mv FILENAME DIRNAME/NEWNAME`	move `FILENAME` to `./DIRNAME` and rename it `NEWNAME`

Combining Commands

`COMMAND_1 && COMMAND_2`	call `COMMAND_1` followed by `COMMAND_2`

Terminal Shortcuts

Windows/Linux	*macOS*	
Ctrl + Shift + C or **Ctrl + Insert**	**Cmd + C**	copy
Ctrl + Shift + V or **Shift + Insert**	**Cmd + V**	paste
Tab	**Tab**	autocomplete commands and filepaths
Ctrl + A	**Ctrl + A**	move cursor to beginning of line
Up/Down arrows	**Up/Down arrows**	cycle through command history
Ctrl + E	**Ctrl + E**	move cursor to end of line