# Command Line Day 1

## Print Working Directory - pwd

Very first thing you are going to learn is how to see what directory you are currently in.

Visually it looks like this:

/home

---/runner

------/Command-Line-Day-1-Pt-1

---------You are here

## List - ls

What `ls` does is lists what files and directories are in your current scope. Which right now you are in the runner directory.

Looking at this file system visually would look like this:

/home

---/runner

------/Command-Line-Day-1-Pt-1

---------You are here and can see --> directory1, index.js, instructions.md, test.txt, tests

## Change Directory - cd

It is super important to know how to change the directory that you are currently in. This allows you to traverse through the file system.

Ex: cd directory1

Ls

Output should be:

`myTextFile.txt`

Visually this is where you are at now:

/home

---/runner

------/Command-Line-Day-1-Pt-1

---------/directory1

------------/You are here and can see --> myTextFile.txt

To go back

Type: `cd ..` then press enter.

Then type `ls` to see the files in your current view(or scope).

## Creating a new file – touch

To create a new file type

touch test.txt

Output should be

`main.css app.js index.html index.js tests instruction.md`

## Create a new directory – mkdir

To create a new directory type

mkdir directory1

enter ‘ls’ to see if it has been created.

## Move a file – mv

To move file index.html to myFiles type:

mv index.html ./myFiles

to move a file into deeper you would list down the path to that file by separating them with slashes. Test1.txt to mostFavorite

Ex:

mv test1.txt

./textFiles/favoriteTextFiles/mostFavorite