

Exercise 3: Command Line Practice

For this exercise, you will need to open your terminal console app. For Mac users, this means opening the Terminal application. For Windows users, this means opening your Git Bash application. Once open, type a series of commands.

Note about the command line on Windows: The command line was created and used before many of the conventions that we associate with computers. For example, we expect that control-C means Copy and control-V means paste. But that's not true on many command line tools. Control-C means stop whatever you are doing and provide a command line prompt again. Control-V doesn't mean anything. If you want to do a copy or paste, then right-click and choose it from the menu.

1. First, make your current directory your home directory. (Remember: "directory" basically means "folder".) Use `cd` (change directory) and then the tilde (`~`), which means "home". After each command, hit the return key.

```
cd ~
```

2. You can see where your home directory is by asking it where the current directory is. The command is `pwd` (print working directory)

```
pwd
```

3. Typically, the home directory is in the Users directory, under another directory which is your user name. Make a new directory called "learngit". Use `mkdir` (make directory).

```
mkdir learngit
```

4. Do an `ls` (list) command to see that the directory exists. You will see other files and directories there as well.

```
ls
```

5. Now change directory into your new directory.

```
cd learngit
```

6. List the current directory. You'll see that you are now inside the **learngit** directory.

```
pwd
```

7. Do a list. The directory is empty, so you shouldn't see anything at all.

```
ls
```

8. To change back up one level, try this command. The two periods mean "up one level".

```
cd ..
```

9. Do a `pwd` to see that you are back in the home directory.
10. Move back into the `learngit` directory. This time just type `cd learng` and then `tab`. It should finish the rest for you. (Don't worry about the slash at the end.) Press return to execute the command.
11. Do a `pwd` so that you know you are there.