

# Bash Scripting

# Purpose

Run many terminal commands, with just one command.

```
web-init
1 #!/bin/bash
2
3 touch index.html style.css app.js
4
5 git init
~
```

# Edit Permissions

```
● ● ●
→ bash ls
web-init
→ bash chmod +x web-init
→ bash ls
web-init
→ bash █
```

# Run the script

```
● ● ● 1. detritus@detrituss-MacBook-Air: ~/gSchool/playground/  
→ bash ls  
web-init  
→ bash ./web-init  
Initialized empty Git repository in /Users/detritus/gSchool/playground/bash/.git/  
→ bash git:(master) ✘ ls  
app.js index.html style.css web-init  
→ bash git:(master) ✘ █
```

# Place script in path

```
1. detritus@detrituss-MacBook-Air: ~/gSchool/playground/bash (zsh)
→ bash git:(master) ✘ ls
app.js      index.html style.css  web-init
→ bash git:(master) ✘ mv web-init /usr/local/bin
→ bash git:(master) ✘ web-init
Reinitialized existing Git repository in /Users/detritus/gSchool/playground/bash/.git/
→ bash git:(master) ✘ █
```

# Other Shell Commands

```
website-init
1#!/bin/bash
2
3 touch index.html style.css app.js
4
5 echo "<!DOCTYPE html>
6 <html lang='en'>
7 <link rel='stylesheet' href='style.css'>
8 <head>
9   <meta charset='UTF-8'>
10  <title></title>
11 </head>
12 <body>
13 </body>
14 <script src='app.js'></script>
15 </html>" > index.html
16
17 echo "body {
18   background-color: red;
19 }" > style.css
20
21 echo "alert('foo')" > app.js
~
~
~
~
```