

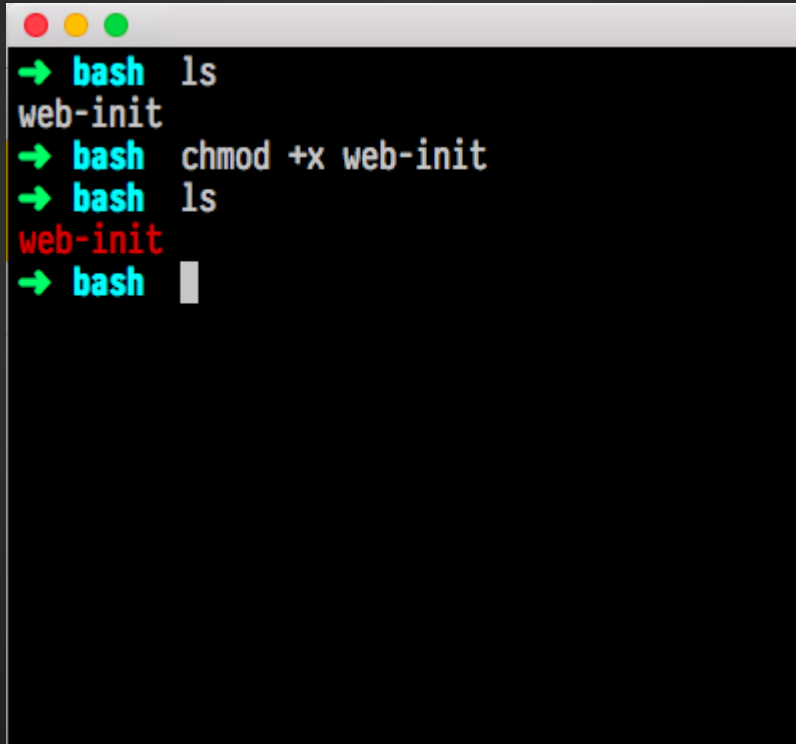
Bash Scripting

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
~
~
~
~
~
~
~
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~
~
```

Edit Permissions



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

A terminal window with a dark background and a light gray title bar containing three colored window control buttons (red, yellow, green). The terminal displays a series of commands and their outputs. The prompt is a green arrow followed by 'bash'. The commands are: 'ls', 'web-init', 'chmod +x web-init', 'ls', 'web-init', and a final prompt. The output of the first 'ls' command is 'web-init'. The output of the second 'ls' command is 'web-init'. The prompt for the final command is a green arrow followed by 'bash' and a white cursor bar.

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
```

~
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~
~
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