Must known shortcuts

⌘ + C	Copy
⌘ + V	Paste
⌘ + X	Cut
⌘ + Z	Undo
⇧ + ⌘ + Z	Redo
⌘ + A	Select all
⌘ + F	Find text within a document or file

Overal shortcuts need to know

⌘ + Space	Open Spotlight Search to find files, apps, or settings
⌘ + Tab	Switch between open apps
⌘ + Q	Quit the active app
⌘ + W	Close the active window or tab
⌘ + M	Minimize the active window
Control + ⌘ + Q	Lock the screen

Shortcuts

⇧ + ⌘ + 3	Take a screenshot of the entire screen.
⇧ + ⌘ + 4	Take a screenshot of a selected area.
⇧ + ⌘ + 5	Open the screenshot toolbar for advanced options.

Markdown language

Markdown is a lightweight markup language for creating formatted text using a plain-text editor.

Markdown file extensions are .md and .markdown

Markdown language is used for creating README files.

https://github.com/margittennosaar/markdown_study_materials

Syntax

```
# h1

## h2

*This text will be italic*

**This text will be bold**

_You **can** combine them_

~~this text is strikethrough~~
```

```
* Item 1

* Item 2

    * Item 2a

    * Item 2b

1. Item 1

1. Item 2

1. Item 3

    1. Item 3a

    1. Item 3b
```

https://github.com/margittennosaar/markdown_study_materials/blob/master/markdown-syntax.md

Syntax

```
![Markdown Logo](Markdown-mark.svg)
Format: ![Alt Text](url)
```

```
http://github.com
[GitHub](http://github.com)
```

````
```js
function fancyAlert(arg) {
  if(arg) {
    $.facebox({div:'#foo'})
  }
} ```
````
````

Task

Practice Markdown language

- Create a new file named README.md

- Write in the file what this project contains

- Use different Markdown syntax to practice

Key shortcuts

⌘ + ⇧ + P	Open Command Palette
⌘ + ,	Open Settings
⌘ + O	Open File
⌘ + S	Save File
⌘ + W	Close File
⌘ + B	Toggle Sidebar
⌘ + J	Toggle Terminal
⇧ + ⌥ + F	Format Code

Setting up Visual Studio code

- Color theme
- Auto save
- Word wrap
- Tab size
- Live Server (extensions)
- Prettier

How to connect .js files

JavaScript can be inserted almost anywhere into an HTML document using

the <script> tag.

```
<script>
  alert( 'Hello, world!' );
</script>
```

```
<script src="/path/to/script.js"></script>
```

It is recommended to add external js file in end of <body>

Task

Create a webpage which shows

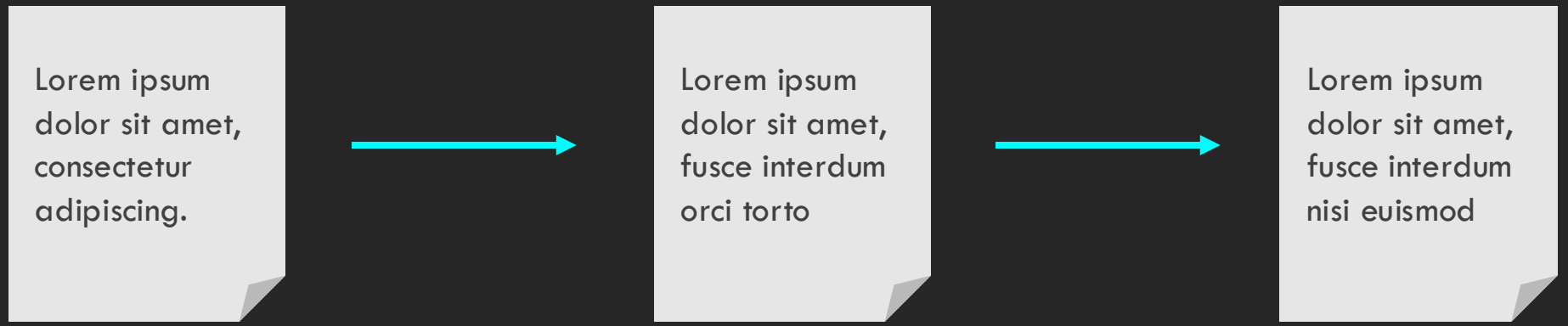
- On page “Hello World, *your name*”
- On load an alert message: “Welcome to learning JavaScript!”
- Developer console “Learning is fun!”

Use external JS file.

Version control

Version control

Version control refers to the methods by which files (or other repositories) are kept in memory, what they have been like at any stage, who has modified them, when and how (and often free-form descriptions of why).



First things first - tools

Git

CLI

GitHub

CLI - Navigating directories

pwd
Print Working Directory - shows the current directory path.

ls
Lists files and directories in the current directory.

cd [directory]
Change Directory - moves to the specified directory.

cd ..
Moves up one directory level.

CLI - Managin files and directories

mkdir [directory_name]
Make Directory - creates a new directory.

touch [file_name]
Creates a new file if it doesn't exist.

rm [file_name]
Removes a file.

rm -r [directory_name]
Recursively removes a directory and its contents.

cp [source] [destination]
Copies files or directories.

mv [source] [destination]
Moves files or directories, or renames them.

CLI - Working with Git

git init
Initializes a new Git repository

git clone [url]
Clones a repository into a new directory

git status
Shows the status of changes as untracked, modified, or staged

git add [file/directory]
Adds a file or directory to the staging area

git commit -m "[commit message]”
Records file snapshots in the version history

git pull
Fetches changes from the remote server and merges them into the current branch

git push
Uploads all local branch commits to the remote repository

Tools you might need install

Node - https://nodejs.org/en/download/

Xcode (only command line tools is fine)

Brew

Git

https://git-scm.com/downloads/mac

Task

1. Create an account in GitHub
2. Install Git
3. Configure Git

```
git config --global user.name "Your Name"

git config --global user.email "your.email@example.com"
```