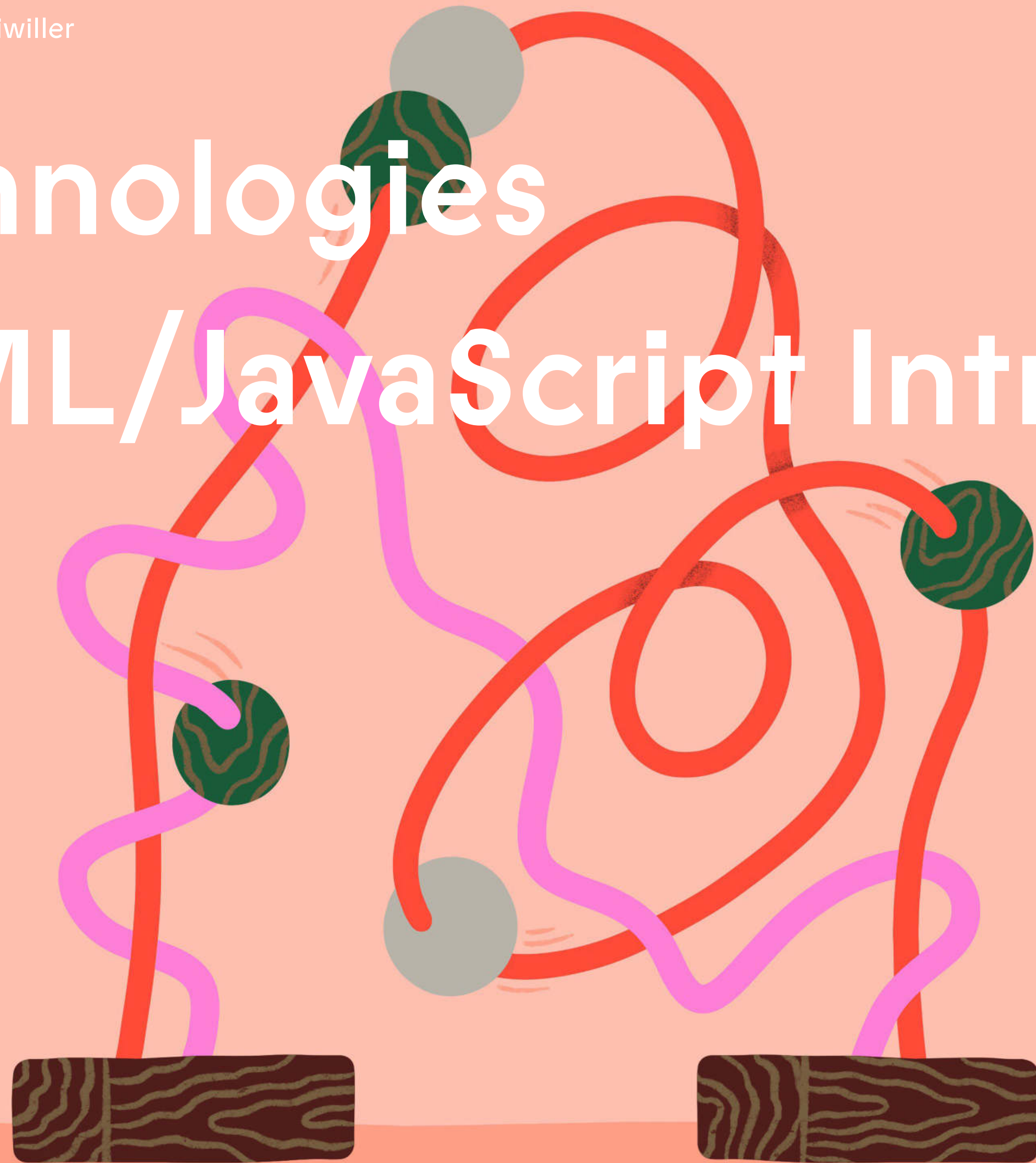# Web Technologies
CSS/HTML/JavaScript Intro

Submissions

- 👏🏼
  - Questions you want to discuss in general?
  - Where were your main problems?
  - Missing information, you needed?

Submissions

- DEADLINES 💀 !!!
- Make sure your work fulfills the requirements!

Submissions

Branch: **master** ▾
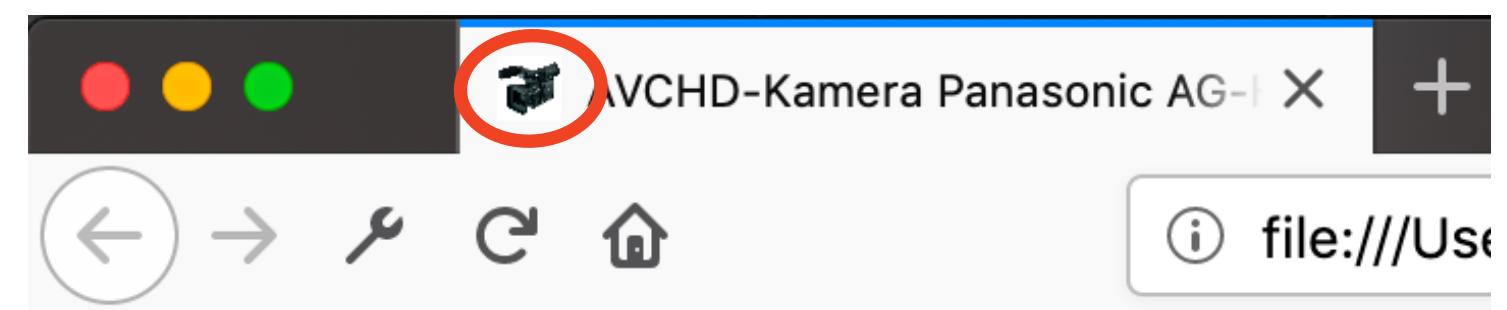
Commits on May 10, 2019

Beautyversion

committed 5 days ago

START/SHOP

ADD TO CART

AVCHD-Kamera Panasonic AG-   ✕   +

ⓘ file:///Use

Guide, that covers it all

· https://internetingishard.com/html-and-css/
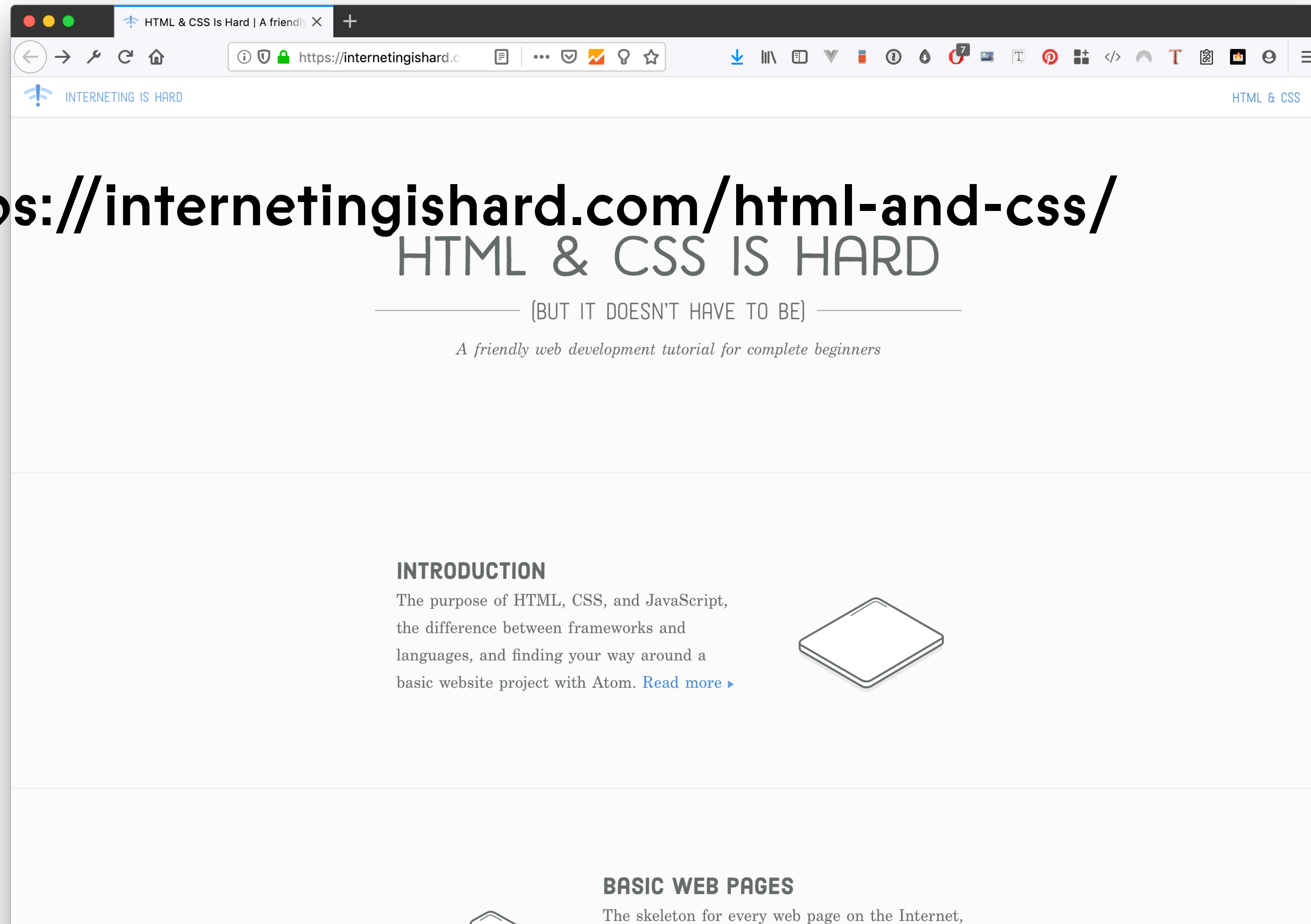
CSS Animations

- **Transitions**
- **Keyframes**

Examples

- Repo:
https://github.com/Jones-S/web-dev-zhdk-2019
- Examples overview:
https://jones-s.github.io/web-dev-zhdk-2019/

Web Dev ZHdK 2019

Examples

Using github pages we can host pages directly

1. Basic Page structure
2. Images
3. Basic Styling
4. Floating Basics
5. Positioning Basics
6. Mediaqueries Basics

CSS Frameworks

· <u>Materialize</u>, <u>Bootstrap</u>, <u>Foundation</u>, <u>Semantic UI</u> etc.

Submit Button

When you use a button to submit a form, instead of using a input tag, use a button tag with a type submit

SUBMIT ➤

```markup
language-markup

<button class="btn waves-effect waves-light" type="submit" name="action">Submit
  <i class="material-icons right">send</i>
</button>
```

Try one of these buttons:

Simple Button

Success Btn

Alert Btn

Secondary Btn

Examples
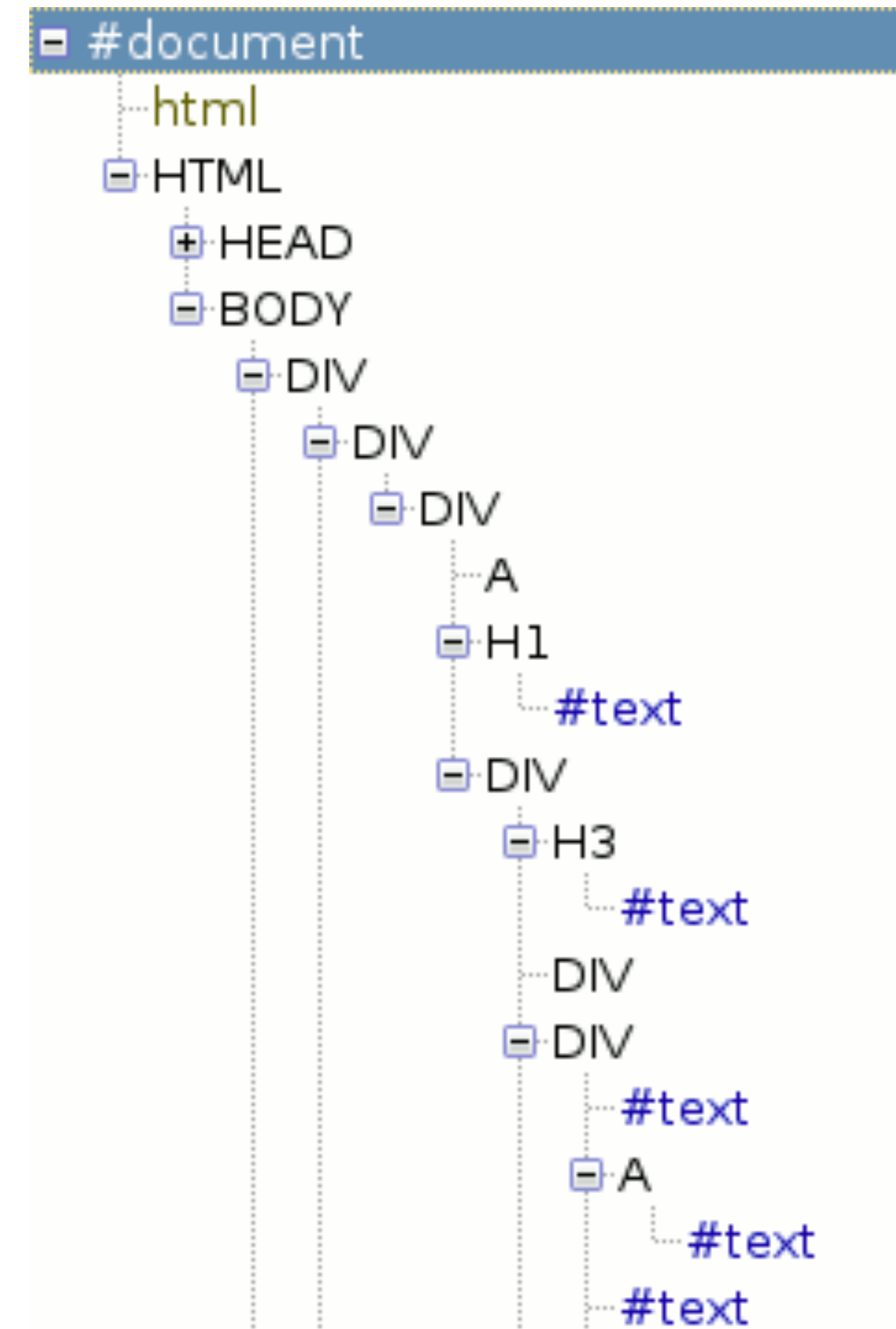
Bootstrap includes several predefined button styles, each serving its own semantic purpose, with a few extras thrown in for more control.
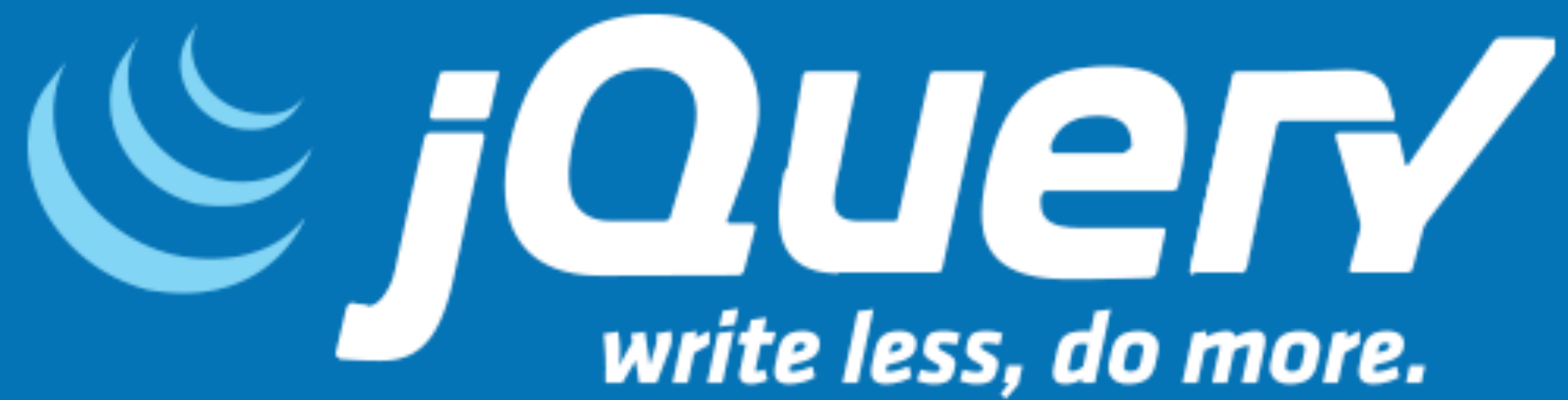
Primary   Secondary   Success   Danger   Warning   Info   Light   Dark   Link
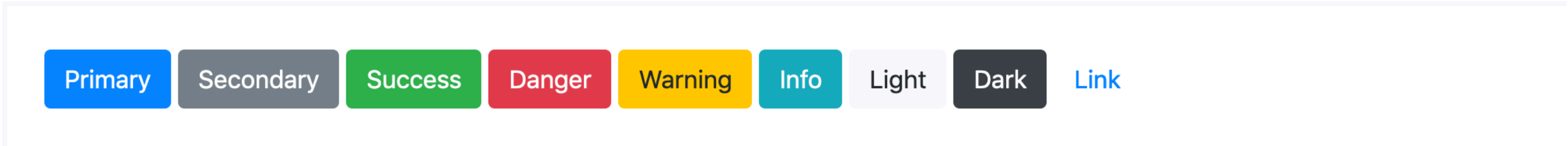
Document Object Model

· DOM is fixed after loading

· How can we manipulate the
  DOM to make it more interactive?

- JavaScript Library make DOM manipulations easier
- https://jquery.com/
- select DOM elements
- Manipulate their properties and content

Vanilla JS vs jQuery

- **Vanilla JavaScript**
  ```
  var myElements = document.getElementsByClassName("my-class");
  ```

- **jQuery**
  ```
  var myElements = $(".my-class");
  ```

JavaScript Basics

· Variables

· Functions

· The console

· Comments

· Run it in your browser!

jQuery Basics

- Selecting element
- add click handler
- Fade element in/out
- Manipulate css properties of element
- Toggle classes to manipulate css properties
- Change html
- Add/remove element to DOM

Exercise: «Shopping Cart»

· Definitive requirements
will be defined later on.
· Outline:
  · **Add interactivity**
  · Ideas:
    · Calculate total price
    · Add additional items to cart
    · Guide user through checkout process

SHOPPING CART

PYZEL RADIUS SURFBOARD

Size: 6'2

$695.00

1

PYZEL SHADOW SURFBOARD

Size: 5'8

$695.00

Exercise: «Shopping Cart»

- Pay more attention to fine-tune your layout.
- Add features on the go (use GitHub 😻),
  don't start with everything at the same time
- Publish it online
  - GitHub pages
  - Your own server
  - Any hoster