Bootstrap, JavaScript and jQuery

Codecademy Ready

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Plan

* Bootstrap

* JavaScript

* jQuery

* Live Coding: Putting it all together

Bootstrap

* All the CSS

* Prototyping Ideas

* [Inspirado](#)

Bootstrap: the Basics

* Grid-based

* Can be loaded locally/statically

* Overriding styles

Bootstrap: Useful Features

* Grid

* Jumbotron

* Theme

* Navbars

Bootstrap Alternatives

* Zurb Foundation

* Skeleton CSS

JavaScript

* What is it?

* When to use it?

JavaScript: What is it?

"...is a high-level, dynamic, untyped, and interpreted programming language."

From Wikipedia

JavaScript: Where is it used?

EVERYWHERE.

JavaScript

* Variables

* Types

* Comparison/Logical Operators

* Methods/Functions

JavaScript: Variables

```
var yourVariableName = "your variable value"
```

JavaScript: Types

```javascript
var nullType = null

var aNumber  = 1

var aString  = "string"

var anArray  = [1,2,3]

var anObject = {key1 : 'value1'}

var aBoolean = true
```

MDN: More info about types

JavaScript: Logical Operators

```
&&   -> AND

||   -> OR
```

JavaScript: Boolean Operators

```
!    -> NOT

=== -> equals

!== -> does NOT equal
```

JavaScript: Boolean Operators

console.log() is your best friend

JavaScript: Boolean Operators

ECMAscript (ES6/7)

jQuery

* What is it?

* When should I use it?

jQuery: What is it?

A JavaScript library used for handling "...HTML document traversal and manipulation, event handling, animation, and Ajax.."

From the jQuery documentation

jQuery: When should I use it?

When you want to make your website more interactive, and CSS alone won't cut it.

jQuery: Basics

* Selectors

* Methods

jQuery: Basics

```
$('#hello').on('click',
function (){

    $(this).fadeOut(1000);

})
```

Questions?

⚡Live Coding Time⚡

Questions?

Additional Resources

[Codecademy JS Cheatsheet](#)

[Bootstrap Documentation](#)

[Bootstrap Examples](#)

[Mozilla Development Network](#)

[JavaScript: the Good Parts](#)

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