

JavaScript & CSS

UCI - CS122B

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Outline

★ JavaScript

- What is it? How does it work?
- What is DOM?
- What are events?
- JQuery

★ CSS

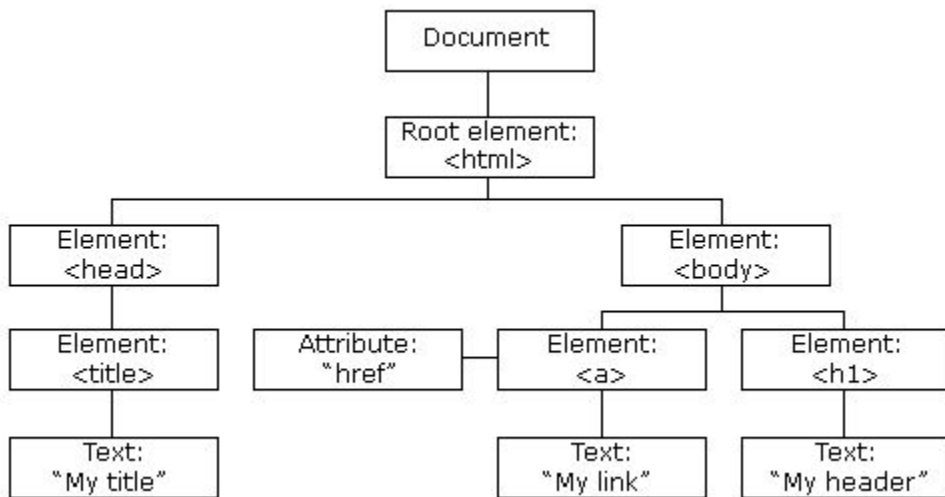
- What is it? How does it work?
- CSS Properties
- CSS Selectors
- Bootstrap

JavaScript

- ★ Here's [the wiki page](#).
 - Do we also have server-side java script?
- ★ Here's [a very useful tutorial](#).

HTML DOM

- ★ Read about it [here](#).
- ★ An example:
- ★ Accessing it in JavaScript:
`document.getEleme....`



JavaScript Events

- ★ Read [this tutorial](#).
- ★ Let's see the TicTacToe example...

JQuery

- ★ [The main website](#) (that has a useful learning center).
- ★ It's library for doing JavaScript tasks more conveniently.

- For example, this is how to add onClick behaviour to an object:

```
$ ("#object_id").click ( function () {  
    ....  
} )
```

-



★ Cascading Style Sheets

★ Internal syntax:

```
<style> ... </style>
```

★ Including an external file:

```
<link rel="stylesheet" type="text/css" href="mystyle.css">
```

★ Inline syntax:

```
<h1 style="color:blue;margin-left:30px;">This is a heading.</h1>
```

CSS Selectors

★ This is a language for addressing the nodes in the DOM.

★ [W3Schools Reference](#)

★ Example:

```
.GiftBox div:#CurrentGift {  
    background-color:DarkBlue;  
}
```


Bootstrap

- ★ A popular HTML, CSS, and JavaScript Library
- ★ Here's [the website](#).
- ★ Particularly, take a look at [the CSS library](#).