



FEWD - JQUERY

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AGENDA

- Review
- JQuery
- Arithmetic
- Conditionals

REVIEW

```
document.getElementById('myId');  
document.getElementsByTagName('myTag');  
parseFloat("someString");
```

REVIEW

- What are Strings?
- What does `int` or `float` mean?

REVIEW

- What does the following do?
- What is number?
- What is b?

```
function currencyFormat(number) {  
  var currency = parseFloat(number);  
  currency = currency.toFixed(2);  
  currency = '$' + currency;  
  return currency;  
}  
  
var b = currencyFormat("5");
```

REVIEW

```
if (blob && plop) {  
    cheer();  
}  
else if (awake || alert) {  
    jumpAround();  
}  
else {  
    fallAsleep();  
}
```

HOMEWORK



ROCK PAPER SCISSORS

JQUERY

jQuery **is** JavaScript

JQUERY

jQuery is a cross-browser JavaScript library designed to simplify the client-side scripting of HTML.

JQUERY

- jquery.com - A JavaScript library that makes DOM manipulation simple.
- 'Cross browser' - works the same in all* browsers.

JQUERY

- Allows:
 - Document traversal
 - CSS Manipulation
 - Event Handling
 - Animation
 - and more!

JQUERY

Adding jQuery to your website

Adding the file

```
< script src="js/jquery-1.8.3.min.js">< /script>
```

CDN

```
< script src="//ajax.googleapis.com/ajax/libs/jquery/1.10.2/jquery.min.js">< /script>
```

JQUERY

\$

The Dollar Sign

JQUERY

Selectors are just like CSS

```
$(".class").click();
```

JQUERY

Finding elements on a page, use selectors with the \$ function:

```
$("#searchBox button")
```

Returns HTML elements you have selected.

JQUERY

```
$(document).ready();
```


JQUERY

Everything you need to know is here:

[HTTP://JQUERY.COM/](http://jquery.com/)

JQUERY

What does this do?

```
var hiddenBox = $( "#banner-message" );  
$( "#button-container button" ).on( "click", function( event ) {  
    hiddenBox.show();  
});
```

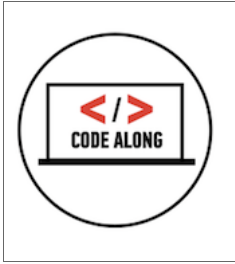
compare to: `onclick`

JQUERY

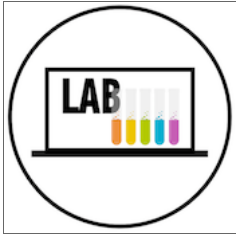
What does this do?

```
$( "button.continue" ).html( "Next Step..." )
```

compare to: `innerHTML`



COLOR SWITCHER



DIVIDED TIMES

