

JavaScript and jQuery

`/ * Week 5: Arrays with Git, Cage & Kittens */`

`// Frontend Web Development, Part II`

`// Bloomington Code School – Spring 2016`



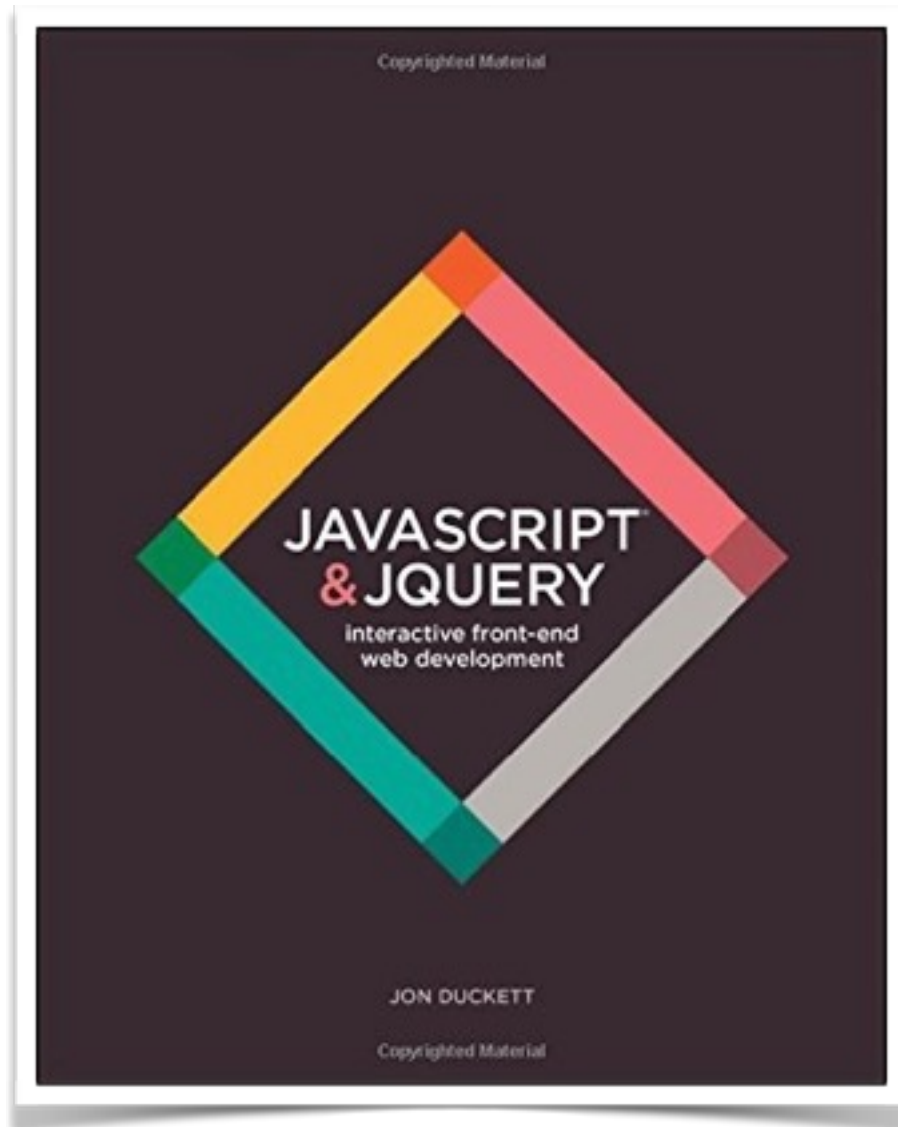
LAST WEEK

// Operators & Conditions



THIS WEEK

```
// Discuss git & GitHub.com accounts  
// Review last week's challenge enhancements  
// Use JSBin.com for writing code online  
// ARRAYS AND MORE!
```



JavaScript and JQuery by Jon Duckett

<http://bit.ly/csjq1>

A Smarter Way to Learn JavaScript by Mark Myers

<http://bit.ly/csjs1>





ARRAYS: CREATING

```
// naming  
// length  
// index
```



ARRAYS: MODIFYING

```
// pop  
// push  
// shift  
// unshift  
// splice  
// slice
```



ARRAYS: SLICE

```
[ a, b, c, d, e, f, g, h, i, j, k ]
```

```
.slice(3,8)
```



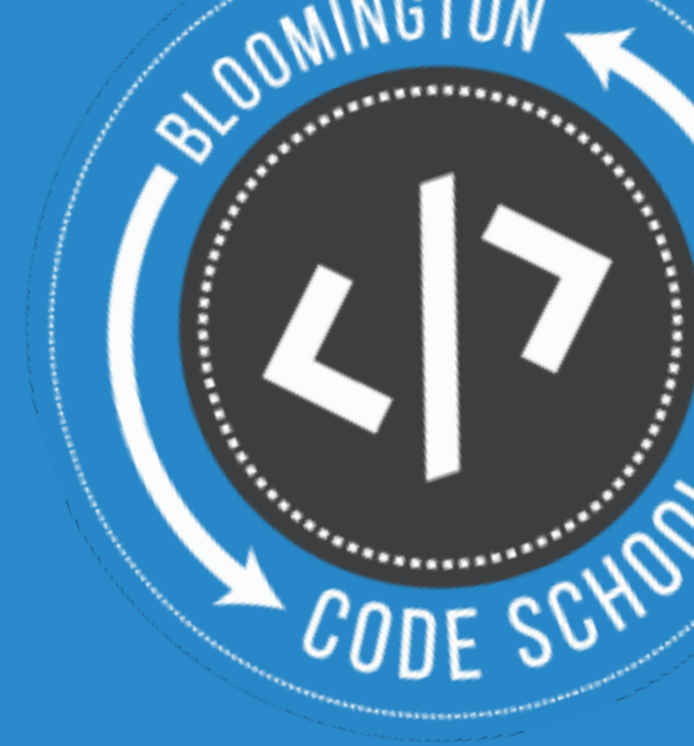
ARRAYS: IN PRACTICE

```
// array + if statements (one value)
```




ARRAYS: IN PRACTICE

```
// array + if statements (all values)
```



JS POP QUIZ

```
// create a variable
```

```
// give a variable a numerical value
```

```
// test if the variable value is more than 4
```

```
// add one to the variable value
```

```
// how to group code to prioritize execution?
```



JS POP QUIZ

```
// create a variable
var x;
// give a variable a numerical value
var x = 0;
// test if the variable value is less than 5
x < 5    -OR-    x <= 4
// add one to the variable value
x + 1    -OR-    x++
// how to group code to prioritize execution?
(just use) some (parentheses (where needed))
```



FOR LOOPS

```
for (var i = 0; i <= 4; i++) {  
  
    // do something  
  
}
```



FOR LOOPS: FLAGS

```
var isItTrue = false;
for (var i = 0; i <= 4; i++) {

    // do something

}
if (isItTrue) { // do more stuff }
```





CHALLENGE

```
// CHALLENGE
```

```
// add your username to our README on GitHub
```

```
// https://github.com/BloomingtonCodeSchool/  
javascript-2016-spring
```

```
// (you might not have permission to edit the file, if  
// that's the case, just try editing and GitHub will  
// guide you on creating a pull request)
```



ME

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