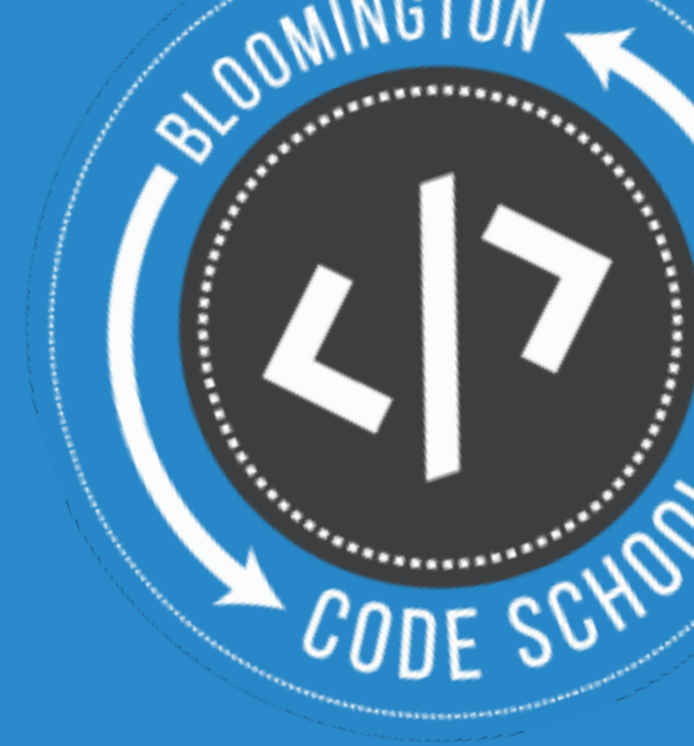


JavaScript and jQuery

```
/* Week 3: JS Basics, Part 1 – How old are you? */
```

```
// Frontend Web Development, Part II
```

```
// Bloomington Code School – Spring 2016
```



LAST WEEK

// Just a little more HTML & CSS Review

// How to speak JavaScript

// How to listen

// Guest Interview: Chris Arterberry



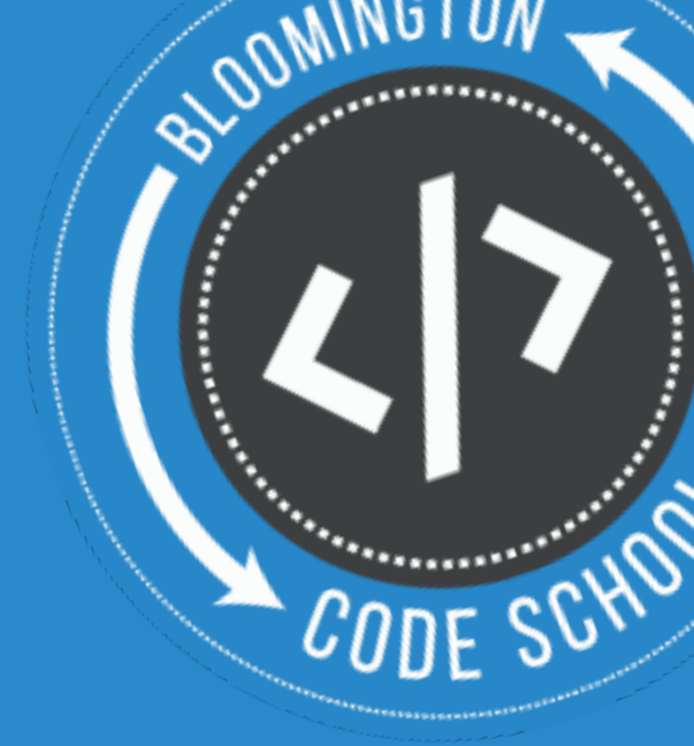
LAST WEEK

`// Mixing HTML/CSS/JS content & files`

`// Variables`

`// Maths (operators & order of precedence)`

`// Dialogs (alerts & prompts)`



LAST WEEK

```
// CHALLENGE
```

```
// Ask the user...
```

```
// * What is your name?
```

```
// * What is your age?
```

```
// Tell the user...
```

```
// * their name and
```

```
// * how old they will be at this time next year
```



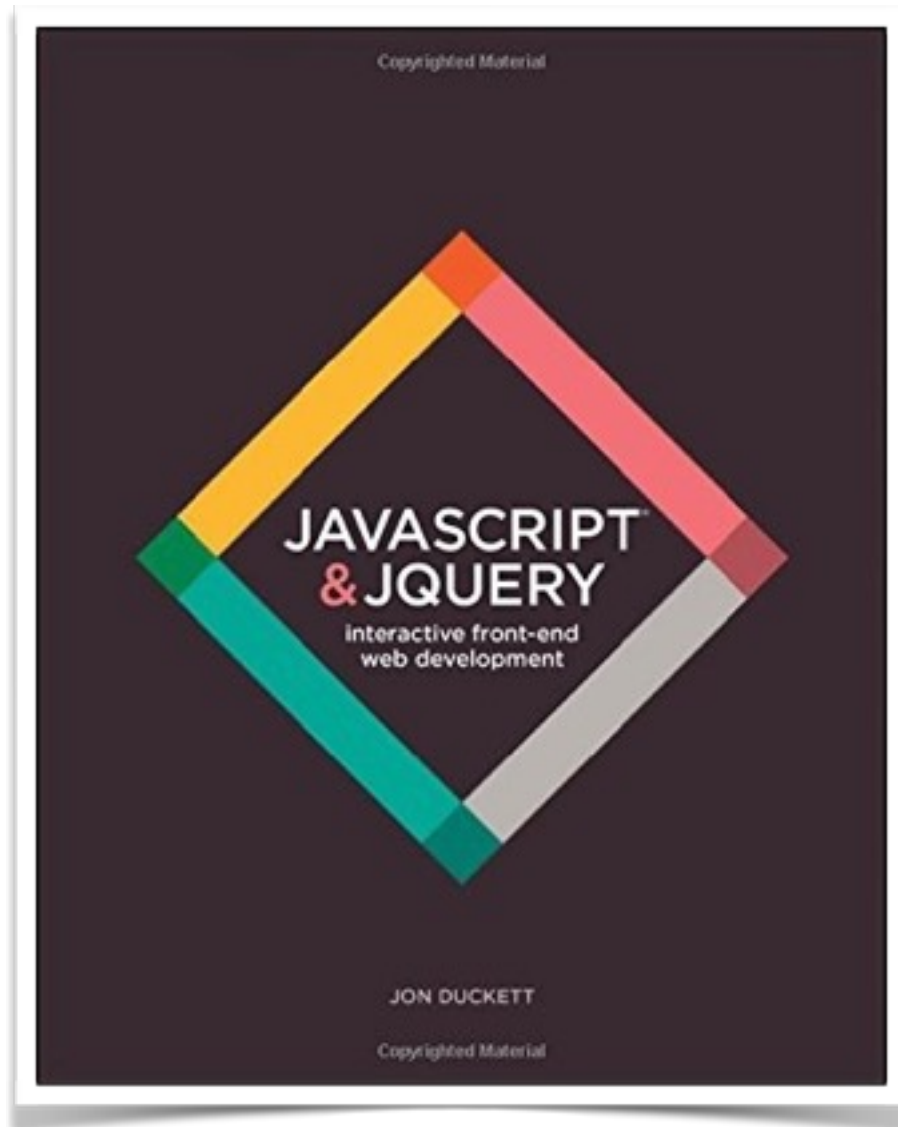
THIS WEEK

// Review Week 2 Challenge & create code

// Running code in the browser console

// Guest: Emmy Beltre

// Operators & Conditions



JavaScript and JQuery by Jon Duckett

<http://bit.ly/csjq1>

A Smarter Way to Learn JavaScript by Mark Myers

<http://bit.ly/csjs1>





LAST WEEK

```
// CHALLENGE
```

```
// Ask the user...
```

```
// * What is your name?
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```
// * What is your age?
```

```
// Tell the user...
```

```
// * their name and
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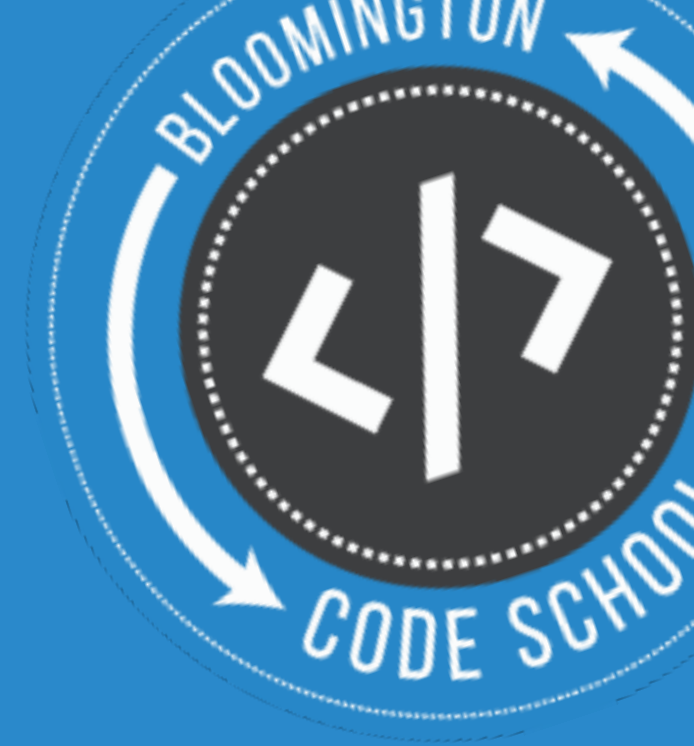
```
// * how old they will be at this time next year
```



last week: JS SPEAK

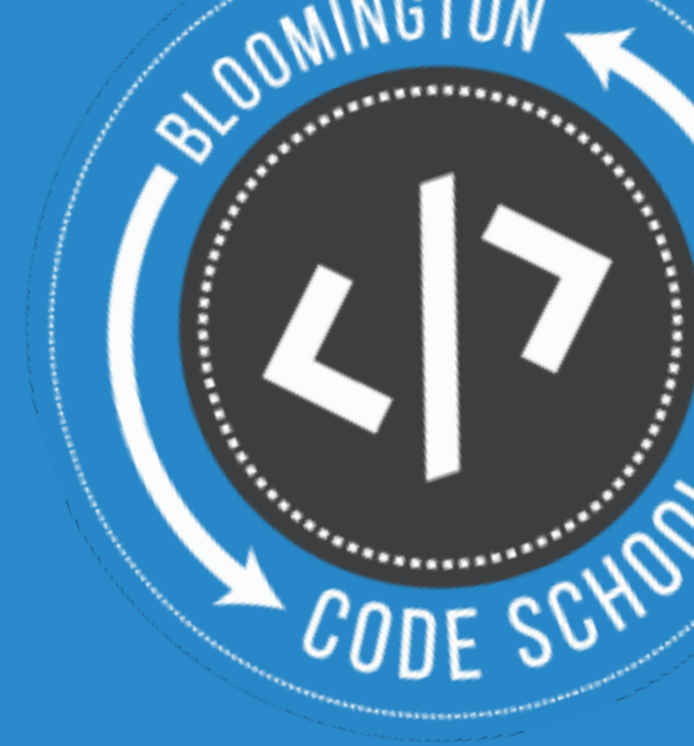
```
// My name is Brandon.  
// I am 32 years old.  
// I was born in U.S.
```

```
var name = "Brandon";  
var age = "25";  
var bornIn = "U.S.";
```

last week: PROMPTS

```
var questionToAsk = "What's ur name?";  
var defaultAnswer = "Emmy";  
  
var name = prompt(questionToAsk, defaultAnswer);
```



last week: CHALLENGE

```
// CHALLENGE
```

```
// Ask the user...
```

```
// * What is your name?
```

```
// * What is your age?
```

```
// Tell the user...
```

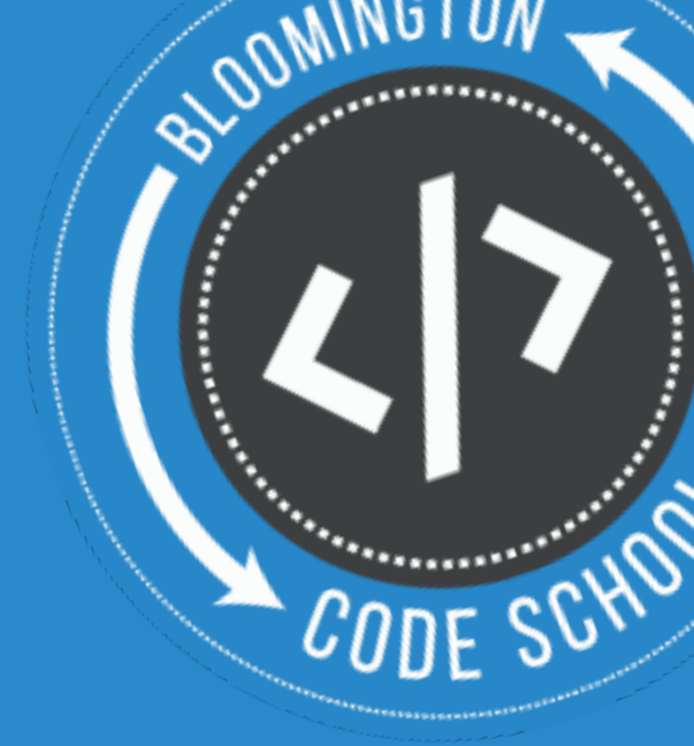
```
// * their name and
```

```
// * how old they will be at this time next year
```



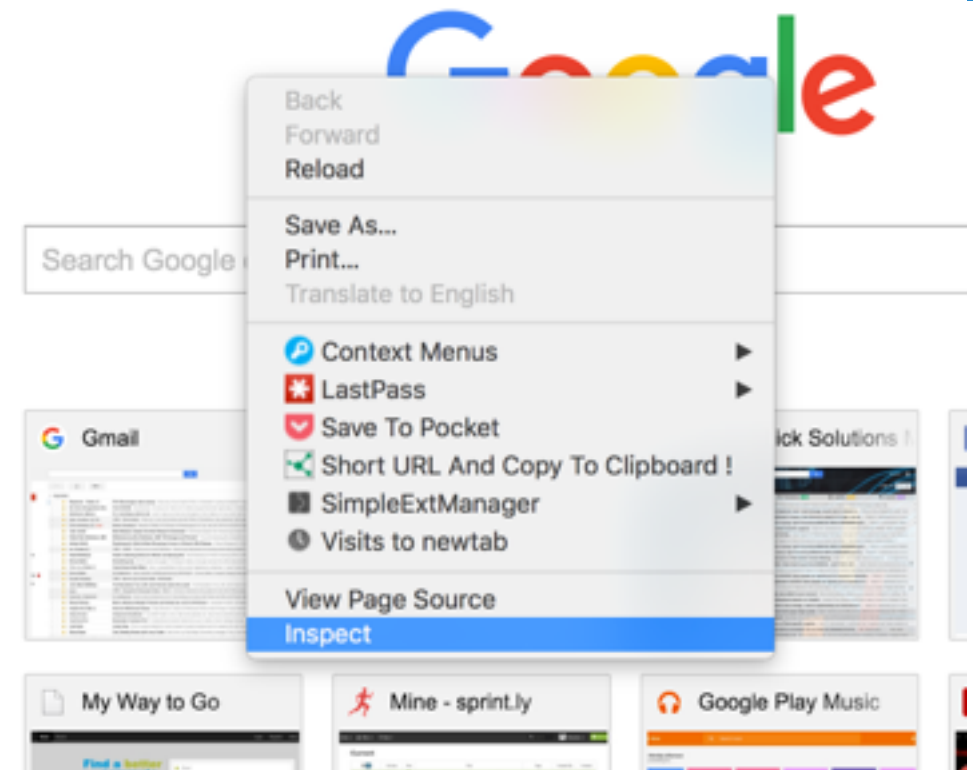
last week:
CHALLENGE

// CHALLENGE... as code...



DEV TOOLS

```
// In Chrome...  
//   - Right-click  
//   - Choose "Inspect"  
  
// Referred to as the:  
//   * Web Inspector  
//   * Element Inspector  
//   * Developer Tools
```





DEV TOOLS

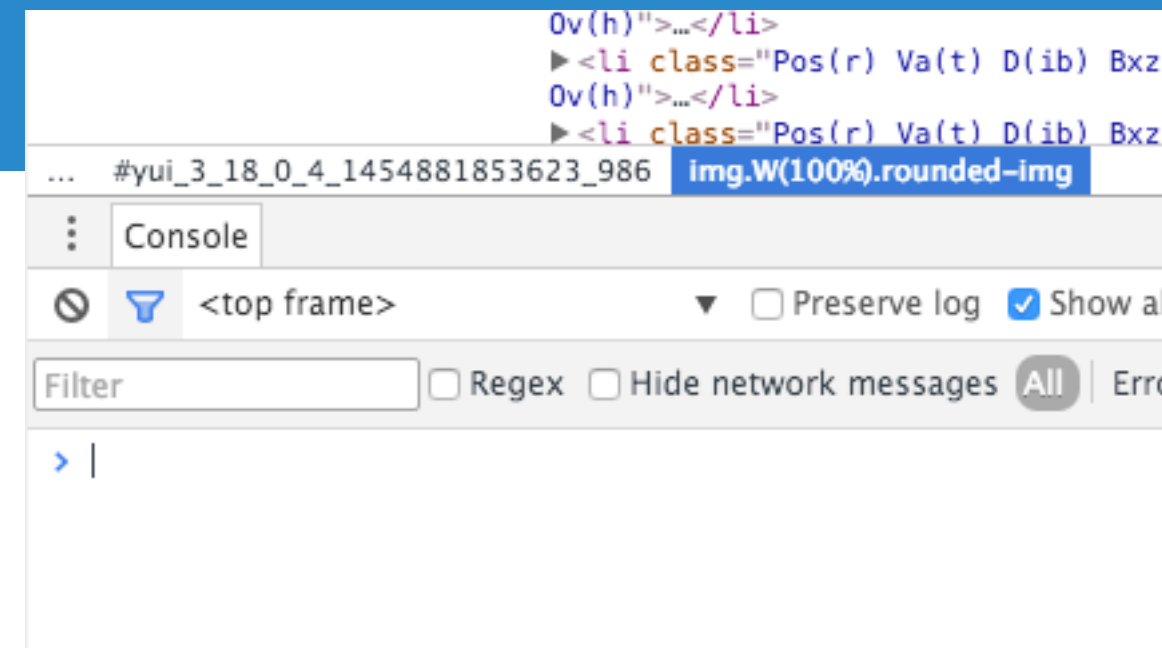
// The browser console

// PROS:

- // * Run JS on the current page
- // * Great for quick tests
- // * Great for small tests
- // * Great for troubleshooting

// CONS:

- // * Does not “save” your work
- // * Gets confusing quickly





// Emmy Beltre, Herald-Times



last week:

FAMILIAR OPERATORS

// MATHS OPERATORS

+ - * /

// ASSIGNMENT OPERATOR

=



last week:
MATHS

```
// JavaScript loves shorthand
```

```
num++; // num + 1
```

```
num--; // num - 1
```




UNFAMILIAR OPERATORS

// Run this in your browser console:

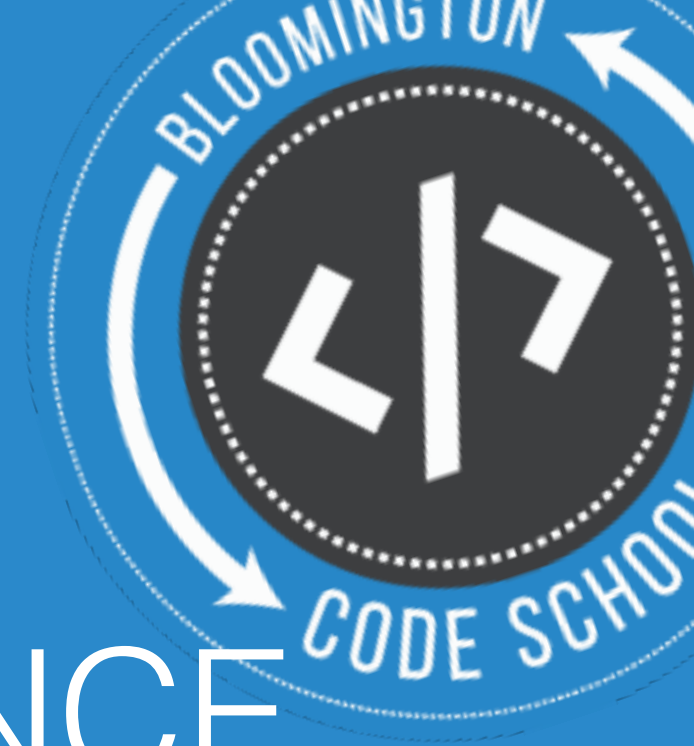
```
var num = 1;  
var newNum = num++;
```



UNFAMILIAR OPERATORS

```
// num++ is called Postfix Increment  
// num-- is called Postfix Decrement
```

```
// ++num is called Prefix Increment  
// --num is called Prefix Decrement
```



ORDER OF PRECEDENCE

```
// Parens  
// In/De-crement  
// Maths  
// Assignments
```





ME

// `brandonjp@gmail.com`