



# Down and Dirty CSS

Web Development Boot Camp  
Lesson 2.2



My Last Day Job: UI Dev/Tech Lead | Profile UI Team @ Gap, Inc.

Qty:	1	\$21.87
<b>BACKORDERED - 2 ITEMS</b>		
Estimated ship date by		
<b>Friday, Jan 18th</b>		
	<b>Fulton Skinny Stretch Chino</b> #2507710322832	
Color:	Acorn	
Size:	28W 32L	
Price:	\$69.50	
Promo:		\$42.15
Qty:	1	\$27.35
	<b>Fulton Skinny Stretch Chino</b> #2507710522832	
Color:	Navy	
Size:	28W 32L	
Price:	\$69.50	
Promo:		\$42.15
Qty:	1	\$27.35
<b>SUMMARY OF CHARGES</b>		
Subtotal (4 items):		\$228.98
My Savings:		-\$134.93
Shipping (5-7 Business Days):		FREE
Tax:		\$8.89
<b>Total:</b>		<b>\$102.94</b>

# Forgot your password?

If you have an account with us, we'll send you a link to reset it. For your security, you may need to re-enter your billing details next time you place an order.

EMAIL ADDRESS

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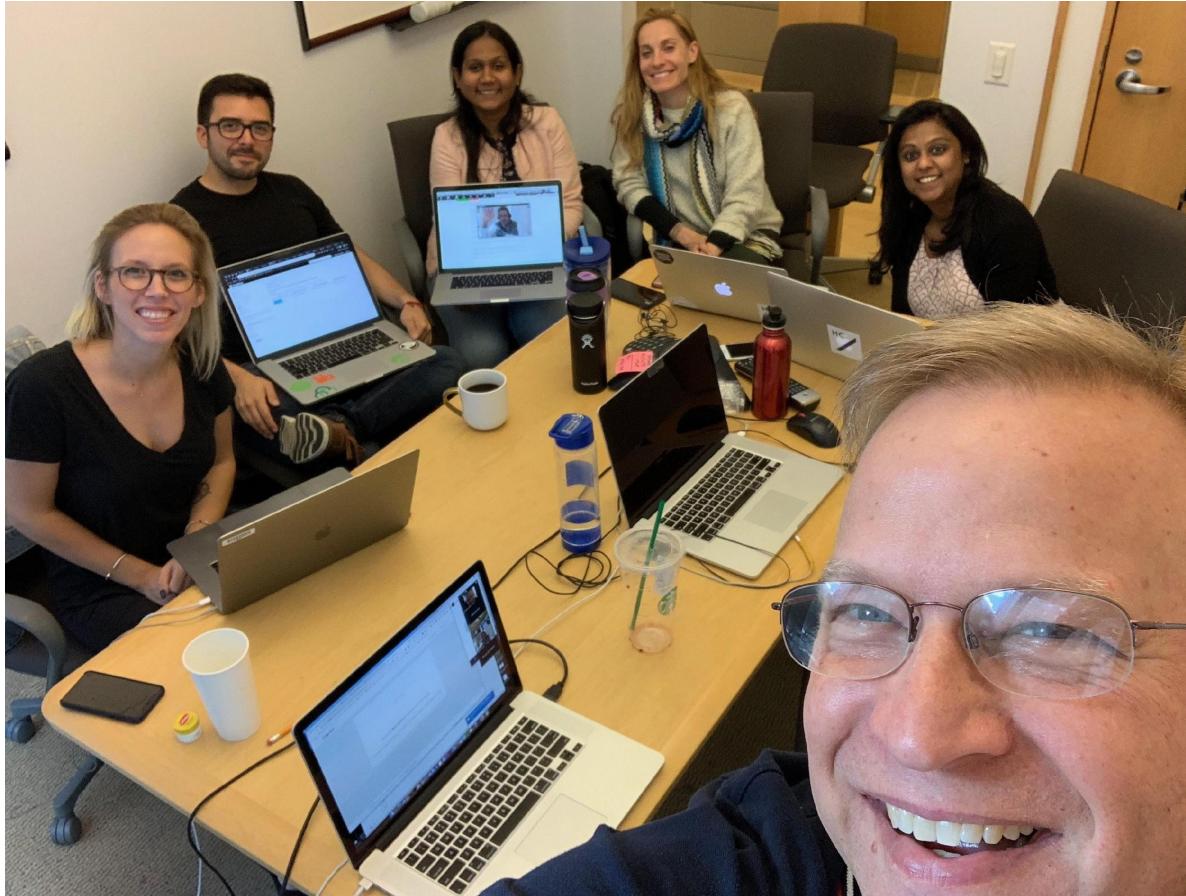
SEND EMAIL

[BACK TO CHECKOUT](#)

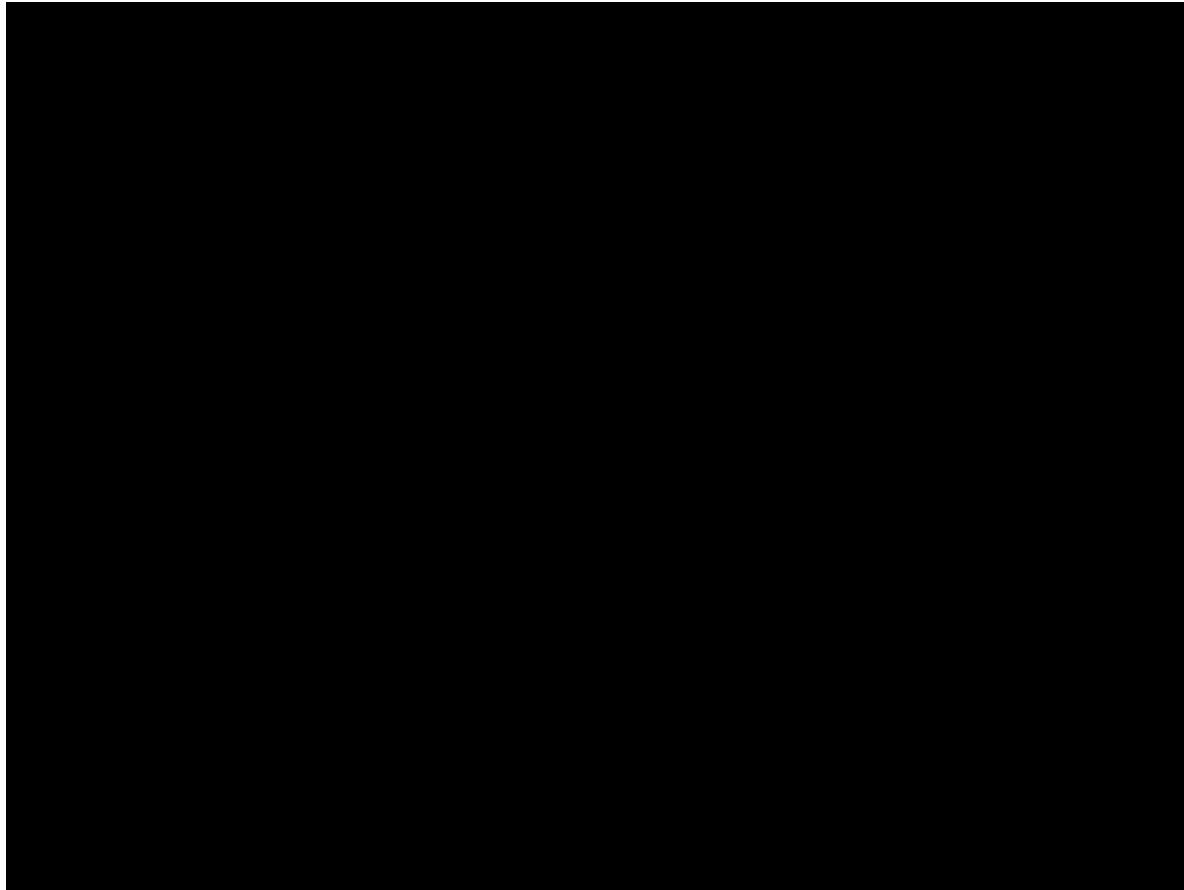
Let's schedule a one-hour meeting to determine how to spell...



## Selfie Time: My team (Profile UI Team) @ Gap, Inc.



## Current Company: Takeoff Technologies



## Selfie Time: Current Company - Takeoff Technologies



# Meeting Time: Current Company - Takeoff Technologies - Old Office - Kiev



## Meeting Time: Current Company - Takeoff Technologies - Kiev Ukraine



## Meeting Time: Current Company - Takeoff Technologies - Waltham MA



## Snack Time: Kiev



# Company Picnic: Kiev



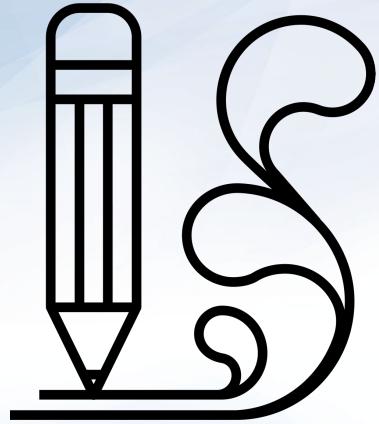
## Selfie Time: The Motherland Monument - Kiev



Souvenirs For The Kids??



# A Few Admin Items



**Homework is due!**

Don't forget to submit both the GitHub  
and GitHub Pages links.

# Feedback #1: **The Pace Is Fast!**

# Feedback #1: Pace Is Fast

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Here's the reality: the pace of this program is fast.



We could slow down and make it easier, but that wouldn't prepare you to be developers right out of the program.



Take up the challenge. Try to retain as much as you can during the course.



After the program is over, go back and review the concepts you need a refresher on.



Don't try to master every little detail.



Focus on the big picture and how to find what you need, when you need it.

# Feedback #1: Pace Is Fast

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That said, as instructors and TAs, we are here to help!



Share your GitHub code as you run into issues. We can let you know if you're going in the right (or wrong) direction.



Come to office hours! We can review your code with you, offer tips on homework, or just give you a pep talk if that's what you need.



Reach out to Student Success if want to schedule a 1-on-1 meeting.

Feedback #2: **Books, Please!**

# Feedback #2: Books, Please!

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During the program, concentrate all your efforts on what we're covering in class.



Books can be helpful when you're learning on your own, but in a boot camp like this, they can be distracting—especially when class is moving so quickly.



When you're at home, focus your efforts on completing your homework, re-completing in-class exercises, and going over slides.



Invest in books and outside tutorials after you finish the program.

That said, if you truly feel the need for outside resources...



[PluralSight.com](https://www.pluralsight.com) offers some of the best online courses for HTML, CSS, JavaScript, Node, Express, and Angular.

# Feedback #2: Books, Please!

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Jon Duckett's books *HTML & CSS* and *JavaScript & jQuery* are two excellent primers. If you're a book person, these can be very helpful!



*HTML & CSS: Design and Build Websites*  
by Jon Duckett  
(Wiley, 2011)



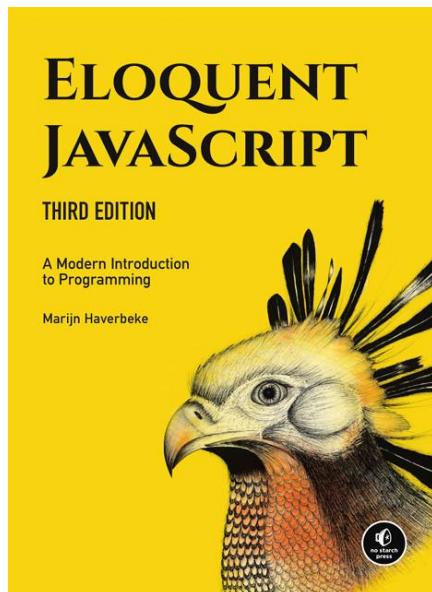
*JavaScript & JQuery: Interactive Front-End Web Development*  
by Jon Duckett  
(Wiley, 2014)

# Feedback #2: Books, Please!

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*Eloquent JavaScript* is a terrific, free book that reviews the fundamentals of JavaScript.

You can find it here: [eloquentjavascript.net](http://eloquentjavascript.net)



*Eloquent JavaScript, 3rd Edition*  
by Marijn Haverbeke  
(No Starch Press, 2018)

# Feedback #2 – Tech Podcasts

iTunes Preview

Overview Music Video Charts

## Syntax – Tasty Web Development Treats

By Wes Bos & Scott Tolinski – Full Stack JavaScript Web Developers

To listen to an audio podcast, mouse over the title and click Play. Open iTunes to download and subscribe to podcasts.

View in iTunes

Free  
Category: Tech News  
Language: English

Customer Ratings  
★★★★★ 33 Ratings

Links  
Podcast Website  
Report a Concern

Description

Full Stack Developers Wes Bos and Scott Tolinski dive deep into web development topics, explaining how they work and talking about their own experiences. They cover from JavaScript frameworks like React, to the latest advancements in CSS to simplifying web tooling.

Name	Description	Released	Price	Action
1 What's New in Javascript	Scott and West talk ab...	5/16/2018	Free	<a href="#">View in iTunes</a>
2 Potluck EP x Is Redux De...	It's a Potluck episode ...	5/9/2018	Free	<a href="#">View in iTunes</a>
3 How to Learn New Things...	Scott and Wes talk ab...	5/2/2018	Free	<a href="#">View in iTunes</a>
4 20 JavaScript Array and O...	Wes and Scott rattle t...	4/25/2018	Free	<a href="#">View in iTunes</a>
5 Potluck EP x Vue.js x He...	It's a Potluck episode ...	4/18/2018	Free	<a href="#">View in iTunes</a>
6 Preventing and Dealing w...	Scott and Wes Chat ab...	4/11/2018	Free	<a href="#">View in iTunes</a>
7 The Testing Show!	Wes and Scott talk all ...	4/4/2018	Free	<a href="#">View in iTunes</a>
8 Is jQuery Dead?	Wes and Scott dive int...	3/28/2018	Free	<a href="#">View in iTunes</a>
9 20 Easy Win Performance...	In this episode, Scott ...	3/21/2018	Free	<a href="#">View in iTunes</a>
10 Recording Screencasts – ...	In this episode, Scott ...	3/14/2018	Free	<a href="#">View in iTunes</a>
11 Hasty Treat — Freelancin...	In this Hasty Treat (Sh...)	3/9/2018	Free	<a href="#">View in iTunes</a>
12 Keeping Up with the Cod...	Scott and Wes talk ab...	3/7/2018	Free	<a href="#">View in iTunes</a>
13 Why Static Site Generator...	Wes and Scott talk all ...	2/27/2018	Free	<a href="#">View in iTunes</a>

<http://www.syntax.fm>

# Feedback #2 – Tech Podcasts

iTunes Preview

Overview Music Video Charts

## ShopTalk

By ShopTalk

To listen to an audio podcast, mouse over the title and click Play. Open iTunes to download and subscribe to podcasts.



[View in iTunes](#)

**Free**

Category: Tech News  
Language: English  
Copyright © ShopTalk 2013-2015

### Customer Ratings

★★★★★ 412 Ratings

### Links

[Podcast Website](#)  
[Report a Concern](#)

### Description

ShopTalk is a podcast about front end web design, development and UX. Each week Chris Coyier and Dave Rupert are joined by a special guest to talk shop and answer listener submitted questions.

Name	Description	Released	Price	Action
1 311: Dev Confessionals	Show DescriptionWe s... <a href="#">i</a>	5/15/2018	Free	<a href="#">View in iTunes</a> ▾
2 310: Humidity API	Show DescriptionIn th... <a href="#">i</a>	5/7/2018	Free	<a href="#">View in iTunes</a> ▾
3 309: Deep Dive on D3.js ...	Show DescriptionBen ... <a href="#">i</a>	5/1/2018	Free	<a href="#">View in iTunes</a> ▾
4 308: Age Limits and Bad ...	Show DescriptionWe'r... <a href="#">i</a>	4/23/2018	Free	<a href="#">View in iTunes</a> ▾
5 307: Existential Questions	Show DescriptionOn t... <a href="#">i</a>	4/17/2018	Free	<a href="#">View in iTunes</a> ▾
6 306: Debugging CSS with...	Show DescriptionJust ... <a href="#">i</a>	4/10/2018	Free	<a href="#">View in iTunes</a> ▾
7 305: CSS Jitter	Show DescriptionWe'r... <a href="#">i</a>	4/2/2018	Free	<a href="#">View in iTunes</a> ▾
8 304: Banjo Q&A Podcast	Show DescriptionDave... <a href="#">i</a>	3/27/2018	Free	<a href="#">View in iTunes</a> ▾
9 303: JAM Stack with Phil ...	Show DescriptionWe'r... <a href="#">i</a>	3/19/2018	Free	<a href="#">View in iTunes</a> ▾
10 302: React Drama with M...	Show DescriptionWe'r... <a href="#">i</a>	3/13/2018	Free	<a href="#">View in iTunes</a> ▾
11 301: Hangovers	Show DescriptionWe've... <a href="#">i</a>	3/5/2018	Free	<a href="#">View in iTunes</a> ▾
12 300: THIS. IS. 300.	Show DescriptionOver... <a href="#">i</a>	2/27/2018	Free	<a href="#">View in iTunes</a> ▾
13 299: Machine Learning wi...	Show DescriptionWe've... <a href="#">i</a>	2/20/2018	Free	<a href="#">View in iTunes</a> ▾
14 298: Gutenberg with Tam...	Show DescriptionThe ... <a href="#">i</a>	2/12/2018	Free	<a href="#">View in iTunes</a> ▾

<http://www.shoptalkshow.com>

# Feedback #2 – Tech Podcasts

Podcasts > Technology > Software How-To > Spec.

```
42 import Clip from './...'  
43 import { graphQLService } from './services'  
44 import { normalizeFeed } from './ql/normalize'  
45  
46  
47  
48  
49 TOOLSDAY developer podcast  
50  
51  
52 const zoneFeedFetcher =  
53   graphQLService.fetch()  
54   site: SITE_NAME ), norm  
55  
56 export default function
```

Subscribe ▾

## Toolsday

Una Kravets, Chris Dhanaraj >

[Details](#) [Ratings and Reviews](#) [Related](#)

### From the Provider

Toolsday is a 20-ish-minute podcast hosted by Una Kravets & Chris Dhanaraj. Toolsday is about the latest in tech tools, tips, and tricks on Tuesdays at 2! (Our alliteration game is so strong).

▲	NAME	TIME	RELEASED	DESCRIPTION	POPULARITY	PRICE
1	84: Chrome Dev Summit Recap	27 min	Nov 21, 2018	We plow through t... <i>i</i>		<a href="#">Get ▾</a>
2	83: What's New in React	28 min	Oct 30, 2018	We sync about the... <i>i</i>		<a href="#">Get ▾</a>
3	82: Houdini Reloaded	25 min	Oct 17, 2018	Una's been playin... <i>i</i>		<a href="#">Get ▾</a>
4	81: Next.js	20 min	Oct 3, 2018	Today Una and Ch... <i>i</i>		<a href="#">Get ▾</a>
5	80: CSS Gripes	29 min	Sep 21, 2018	We go through our... <i>i</i>		<a href="#">Get ▾</a>
6	79: Development Platforms	25 min	Sep 5, 2018	Una and Chris go ... <i>i</i>		<a href="#">Get ▾</a>
7	78: Generative Art with Tim Holman	29 min	Aug 22, 2018	We talk with Tim H... <i>i</i>		<a href="#">Get ▾</a>
8	77: Is Redux Dead?	19 min	Aug 10, 2018	Redux: "The repor... <i>i</i>		<a href="#">Get ▾</a>
9	76: CUBS #5: React Native	27 min	Jul 24, 2018	Chris and Una tak... <i>i</i>		<a href="#">Get ▾</a>
10	75: Process and Ideation	26 min	Jul 10, 2018	Ideating is hard! W... <i>i</i>		<a href="#">Get ▾</a>
11	74: Our VS Code Workspaces	23 min	Jun 26, 2018	After a year and a ... <i>i</i>		<a href="#">Get ▾</a>
12	73: CSS Blocks	28 min	Jun 12, 2018	Chris Epstein com... <i>i</i>		<a href="#">Get ▾</a>

★★★★★ (34)

Audio

Software How-To

© 2018 Spec Network, Inc.

CLEAN

LYRICS

LINKS

Report a Concern

Feedback #3: **The Homework Is Hard**

# Feedback #3: Homework Is Hard

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Check your homework due dates in Boot Camp Spot.



Generally speaking, expect homework to be semi-challenging.



Make sure you're setting aside a solid block of time for each assignment.



If you find yourself working on an assignment for over two hours without even a small amount of progress, let us know!



You don't win points in life for staring at a blank screen.

**Before we start today's class...**

# Block vs Inline Elements

**<div>**

**<span>**

# Block vs Inline Elements

**<div>**

Block Element

**<span>**

Inline Element

# Block vs Inline Elements

**<div>**

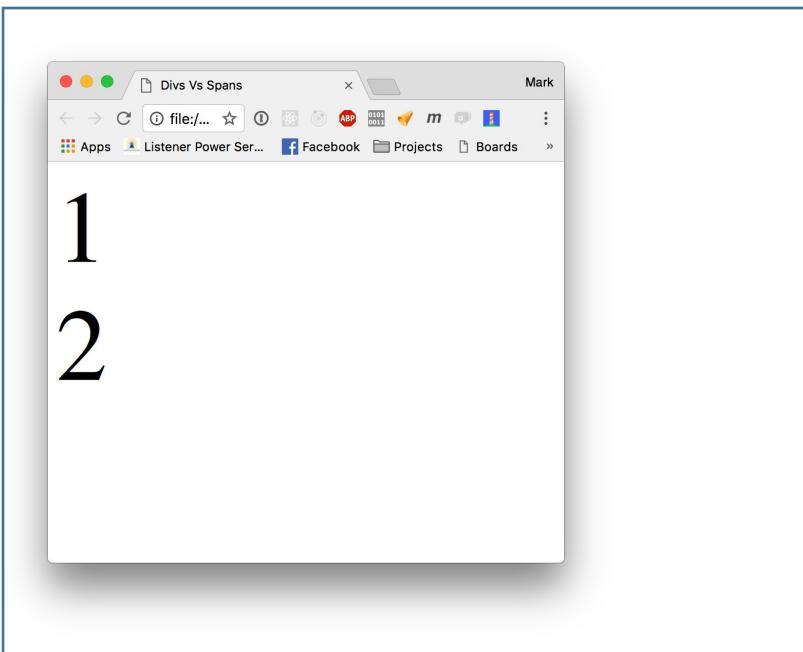
Block Element

**<span>**

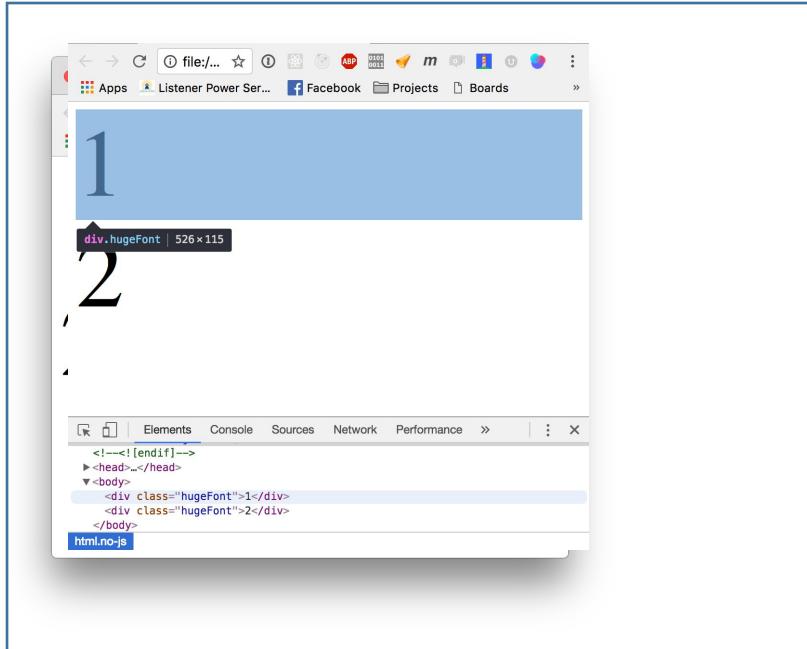
Inline Element

What's the difference?

# Block Elements: div, section, p, h1...h6, ul, etc.



# Block Elements: div, section, p, h1...h6, ul, etc.



```
12      <style>
13          .hugeFont {
14              font-size: 100px;
15          }
16      </style>
17  </head>
18  <body>
19      <div class="hugeFont">1</div>
20      <div class="hugeFont">2</div>
21  </body>
22 </html>
```

## Block Elements:

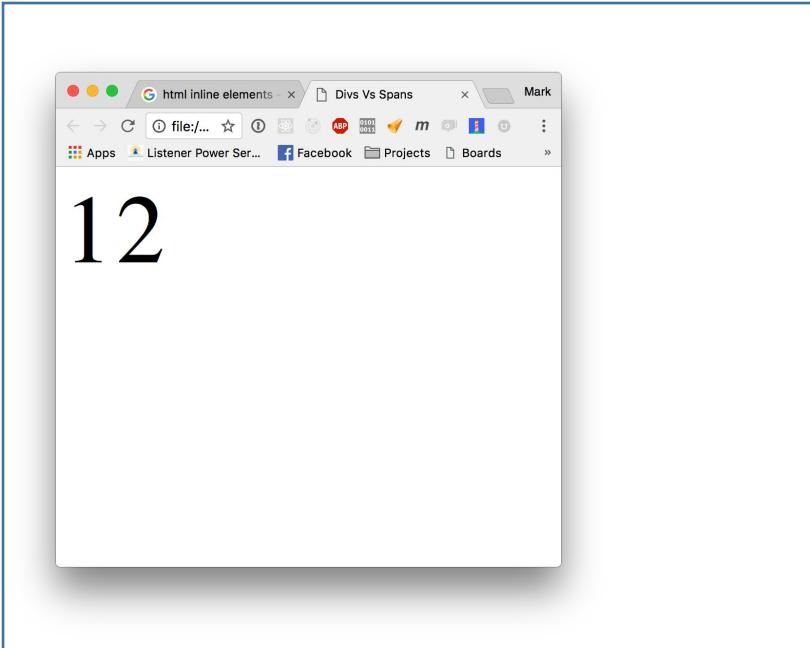
Start on their own line and anything that follows them appears on its own new line

# Inline Elements: span, img, button, input, a, etc.



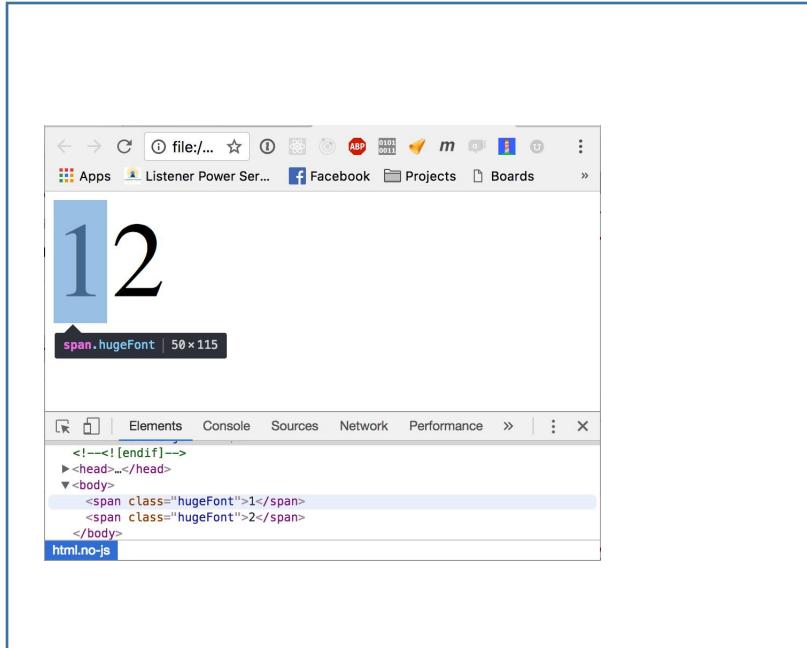
```
12  <style>
13      .hugeFont {
14          font-size: 100px;
15      }
16  </style>
17  </head>
18  <body>
19      <span class="hugeFont">1</span>
20      <span class="hugeFont">2</span>
21  </body>
22 </html>
```

# Inline Elements: span, img, button, input, a, etc.



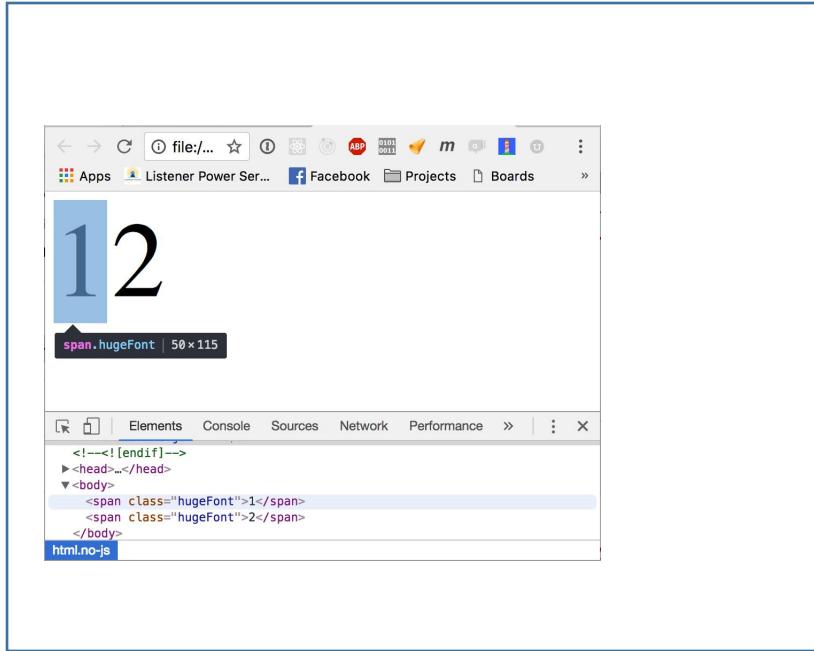
```
12      <style>
13          .hugeFont {
14              font-size: 100px;
15      }
16      </style>
17      </head>
18      <body>
19          <span class="hugeFont">1</span>
20          <span class="hugeFont">2</span>
21      </body>
22  </html>
```

# Inline Elements: span, img, button, input, a, etc.



```
12      <style>
13        .hugeFont {
14          font-size: 100px;
15        }
16      </style>
17    </head>
18    <body>
19      <span class="hugeFont">1</span>
20      <span class="hugeFont">2</span>
21    </body>
22  </html>
```

# Inline Elements: span, img, button, input, a, etc.

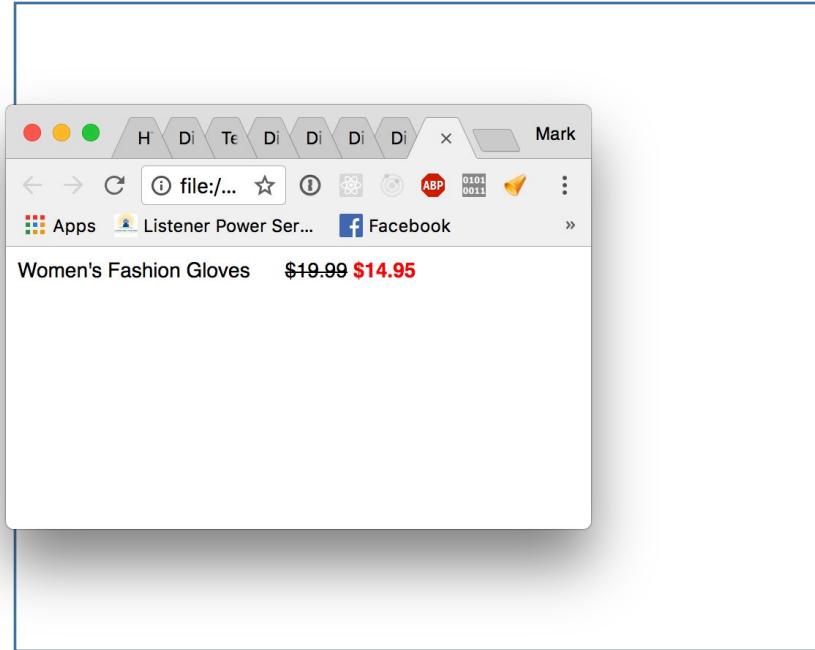


```
12   <style>
13     .hugeFont {
14       font-size: 100px;
15     }
16   </style>
17 </head>
18 <body>
19   <span class="hugeFont">1</span>
20   <span class="hugeFont">2</span>
21 </body>
22 </html>
```

## Inline Elements:

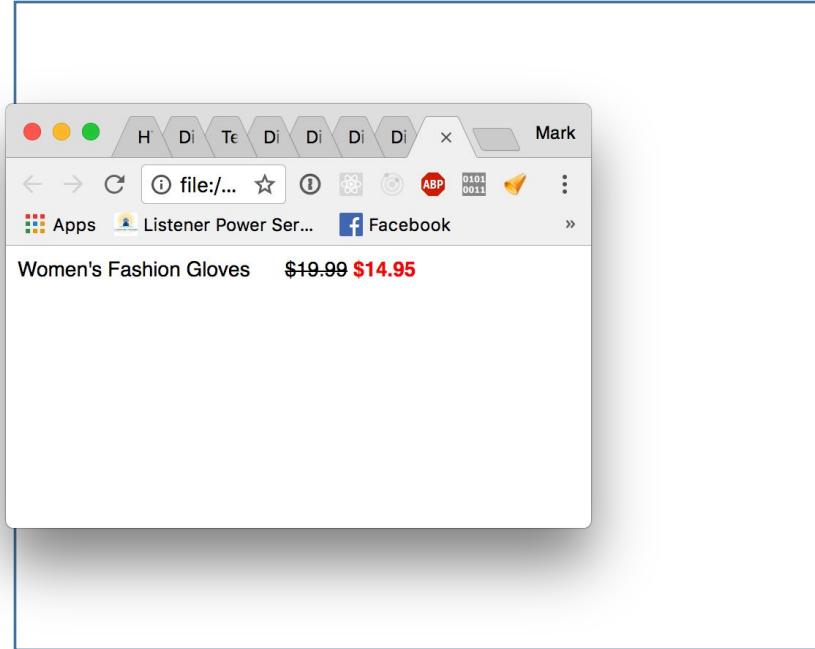
Can appear within sentences and do not appear on a new line of their own.

# Inline Example



```
12 <style>
13   .product-price {
14     font-family: "Lucinda Grande", Helvetica, sans-serif;
15     font-size: 14px;
16   }
17   .product-desc {
18     margin-right: 20px;
19   }
20   .regular-price {
21     text-decoration-line: line-through;
22     color: black;
23   }
24   .sale-price {
25     color: red;
26     font-weight: bold;
27   }
28 </style>
29 </head>
30 <body>
31   <div class="product-price">
32     <span class="product-desc">Women's Fashion Gloves</span>
33     <span class="regular-price">$19.99</span>
34     <span class="sale-price">$14.95</span>
35   </div>
36 </body>
```

# Inline Example



```
12 <style>
13   .product-price {
14     font-family: "Lucinda Grande", Helvetica, sans-serif;
15     font-size: 14px;
16   }
17   .product-desc {
18     margin-right: 20px;
19   }
20   .regular-price {
21     text-decoration-line: line-through;
22     color: black;
23   }
24   .sale-price {
25     color: red;
26     font-weight: bold;
27   }
28 </style>
29 </head>
30 <body>
31   <div class="product-price">
32     <span class="product-desc">Women's Fashion Gloves</span>
33     <span class="regular-price">$19.99</span>
34     <span class="sale-price">$14.95</span>
35   </div>
36 </body>
```

`<span></span>` elements are ideal for styling text you want to keep in the same line, phrase, or sentence.

# Today's Class

# Objectives

---

In today's class, we'll introduce:



CSS Typography and Google Fonts



Pseudo-Classes



The Basics of Twitter Bootstrap

# CSS Typography

# Typography Is Huge

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Typography can play a huge role in the visual aesthetic and emotional identity of a webpage.



# Typographic Properties

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Typographic properties describe attributes of the type on the page.



**Line Height:** Distance between lines of text on a page (Golden Ratio of 1.5x font).



**Font Size:** Actual size of lettering. Should be at least 16 px on modern pages.

[smashingmagazine.com](http://smashingmagazine.com)



**Line Length:** Not a CSS property but rather a standard. Should be about 50–75 characters per line on a desktop. [baymard.com](http://baymard.com)



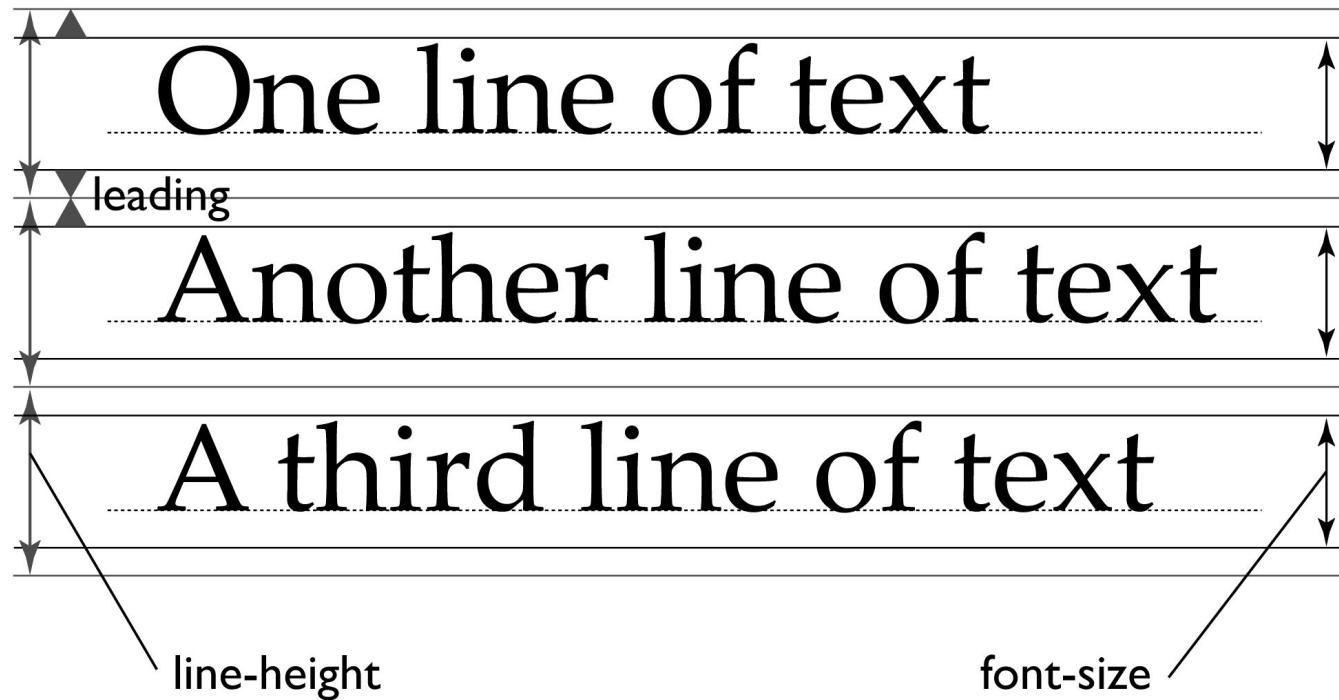
**Letter Spacing:** Spacing between individual letters. Try to avoid cramming letters together too closely.



**Sans-Serif vs. Serif:** Sans-serif are fonts *sans their serifs*—no tails. They're easier to read online.

# Line Height vs. Fonts

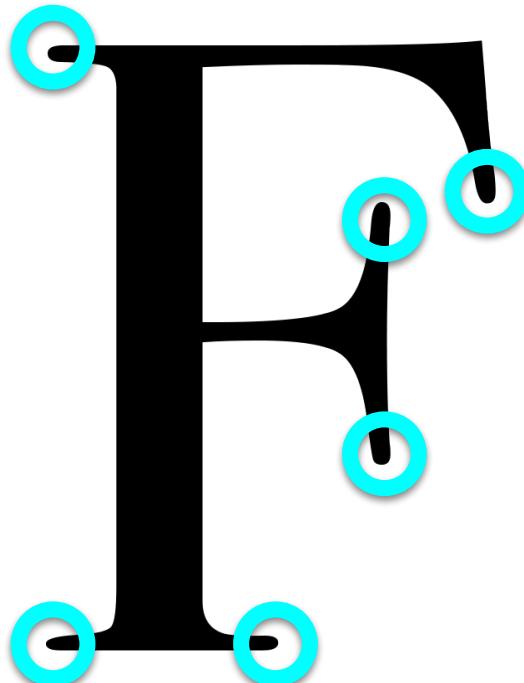
---



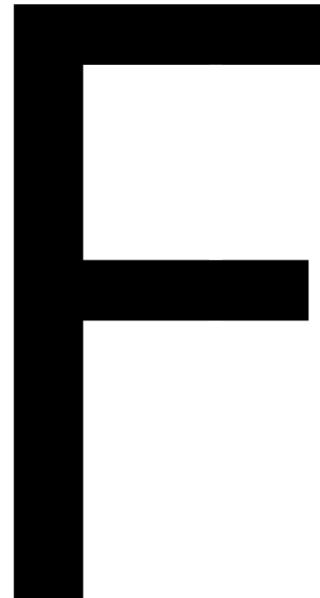
# Serif vs. Sans-Serif

---

Serif fonts include small lines attached to the end strokes of letters.



Sans-Serif ("without serif") do not include such strokes.



# Activity: CSS Typography

---

Using the `html-template` file provided to you, create an external CSS stylesheet to modify the typography of each of the body paragraphs.

**Use CSS styling to modify the following properties:**

- Font-family
- Font-size
- Font-weight
- Line-height
- Letter-spacing

**Bonus:**

If you finish early, read about TypePlate and see if you can figure out how to incorporate it into your site (<http://typeplate.com/>).

Suggested Time: 10 minutes



# Google Fonts

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It's easy to incorporate [Google's custom fonts](#) into your site!

Roboto

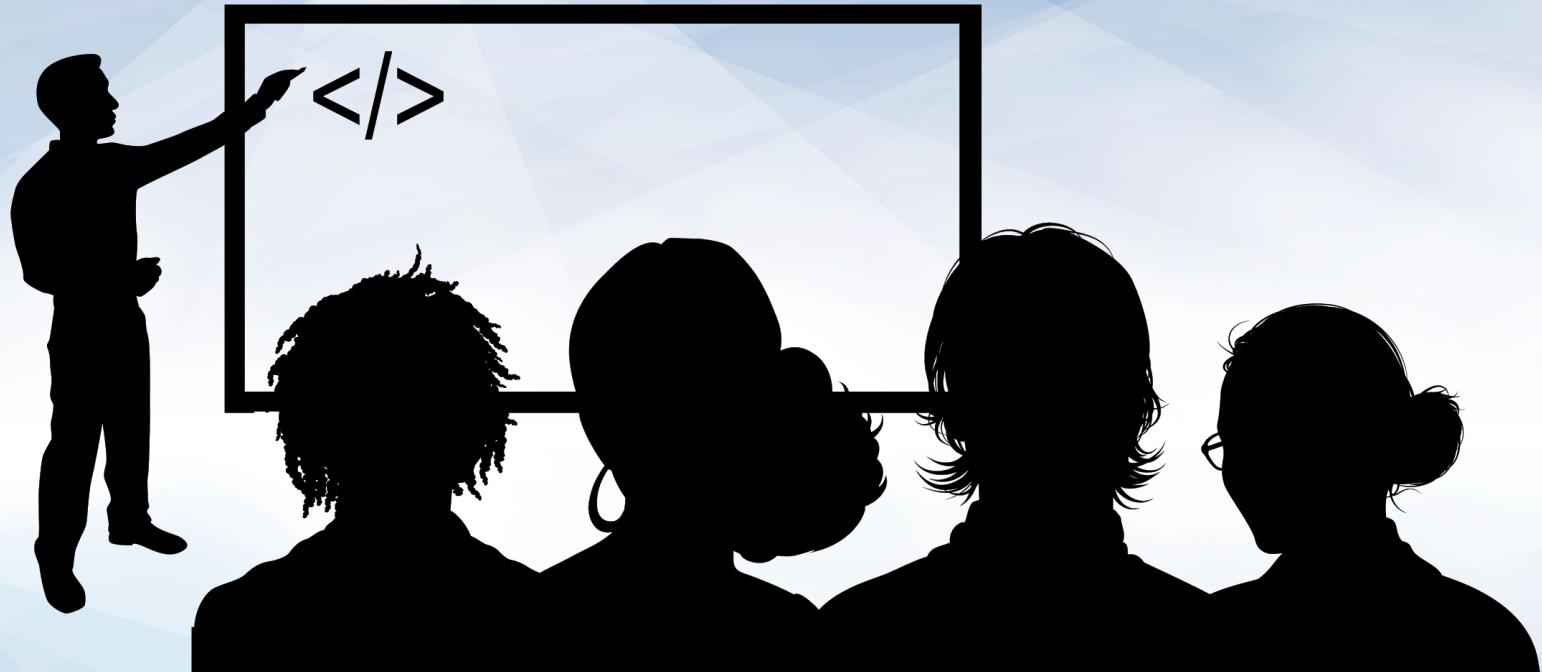
Christian Robertson

All their equipment  
and instruments  
are alive.

**coiny**

Marcelo Magalhães

**A red flare silhouetted  
the jagged edge of a  
wing.**



Instructor Demonstration  
Custom Fonts

# Activity: Custom Google Fonts

---

## Assignment:

Create (or re-use) an HTML document and then incorporate 2–3 custom Google fonts ([fonts.google.com](https://fonts.google.com)) into the page.

## Bonus:

If you finish early, read about Font Awesome icons ([www.fontawesome.com](https://www.fontawesome.com)) and see if you can figure out how to incorporate one onto your page.

Suggested Time: 11 minutes



# Pseudo Styles

# Pseudo-Classes

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CSS provides keywords that can be added to selectors. These keywords can highlight the special states of the selected element.

**Great example:** CSS can hook onto the specific moment when a link is hovered over using the `:hover` pseudo-class.

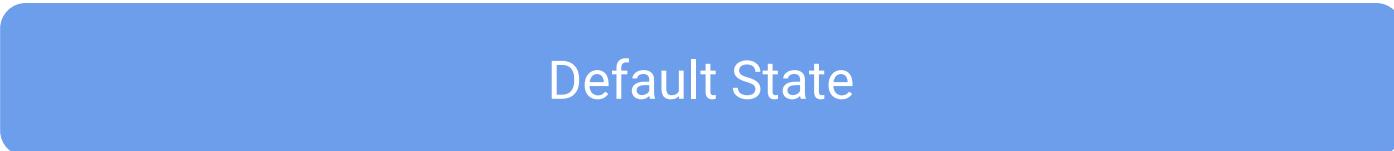
**Complete list of pseudo-classes:** [developer.mozilla.org](https://developer.mozilla.org)

Index of standard pseudo-classes				
<code>:active</code>	<code>:first-child</code>	<code>:last-child</code>	<code>:only-child</code>	<code>:root</code>
<code>:any</code>	<code>:first-of-type</code>	<code>:last-of-type</code>	<code>:only-of-type</code>	<code>:scope</code>
<code>:checked</code>	<code>:fullscreen</code>	<code>:left</code>	<code>:optional</code>	<code>:target</code>
<code>:default</code>	<code>:focus</code>	<code>:link</code>	<code>:out-of-range</code>	<code>:valid</code>
<code>:dir()</code>	<code>:hover</code>	<code>:not()</code>	<code>:placeholder-shown</code>	<code>:visited</code>
<code>:disabled</code>	<code>:indeterminate</code>	<code>:nth-child()</code>	<code>:read-only</code>	
<code>:empty</code>	<code>:in-range</code>	<code>:nth-last-child()</code>	<code>:read-write</code>	
<code>:enabled</code>	<code>:invalid</code>	<code>:nth-last-of-type()</code>	<code>:required</code>	
<code>:first</code>	<code>:lang()</code>	<code>:nth-of-type()</code>	<code>:right</code>	

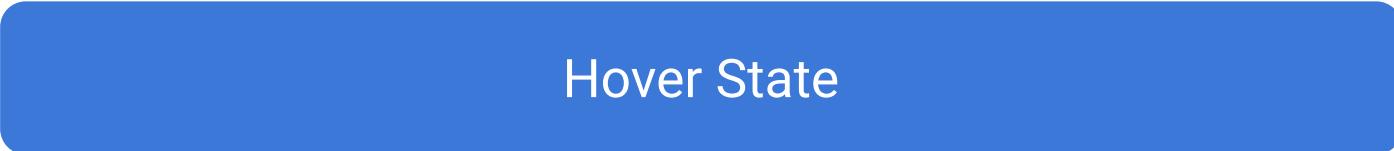
# Button with Various States

---

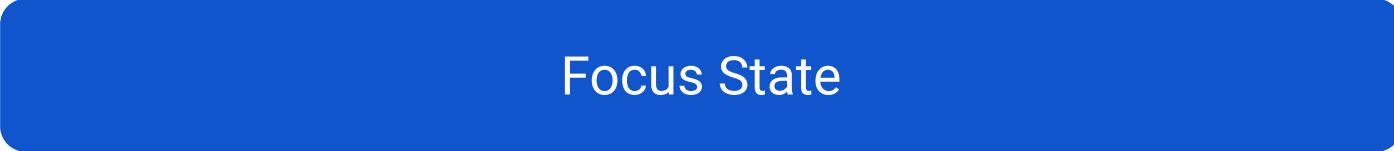
You can use pseudo-classes to define how a button appears in various states.



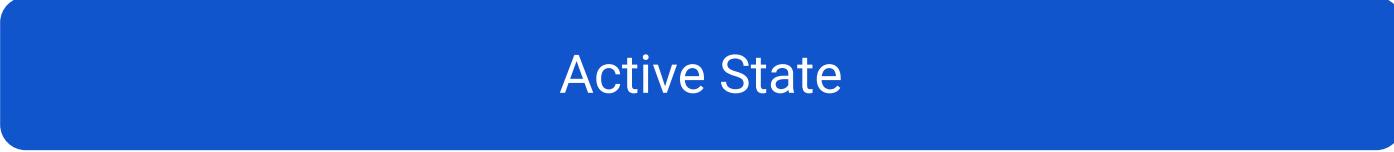
Default State



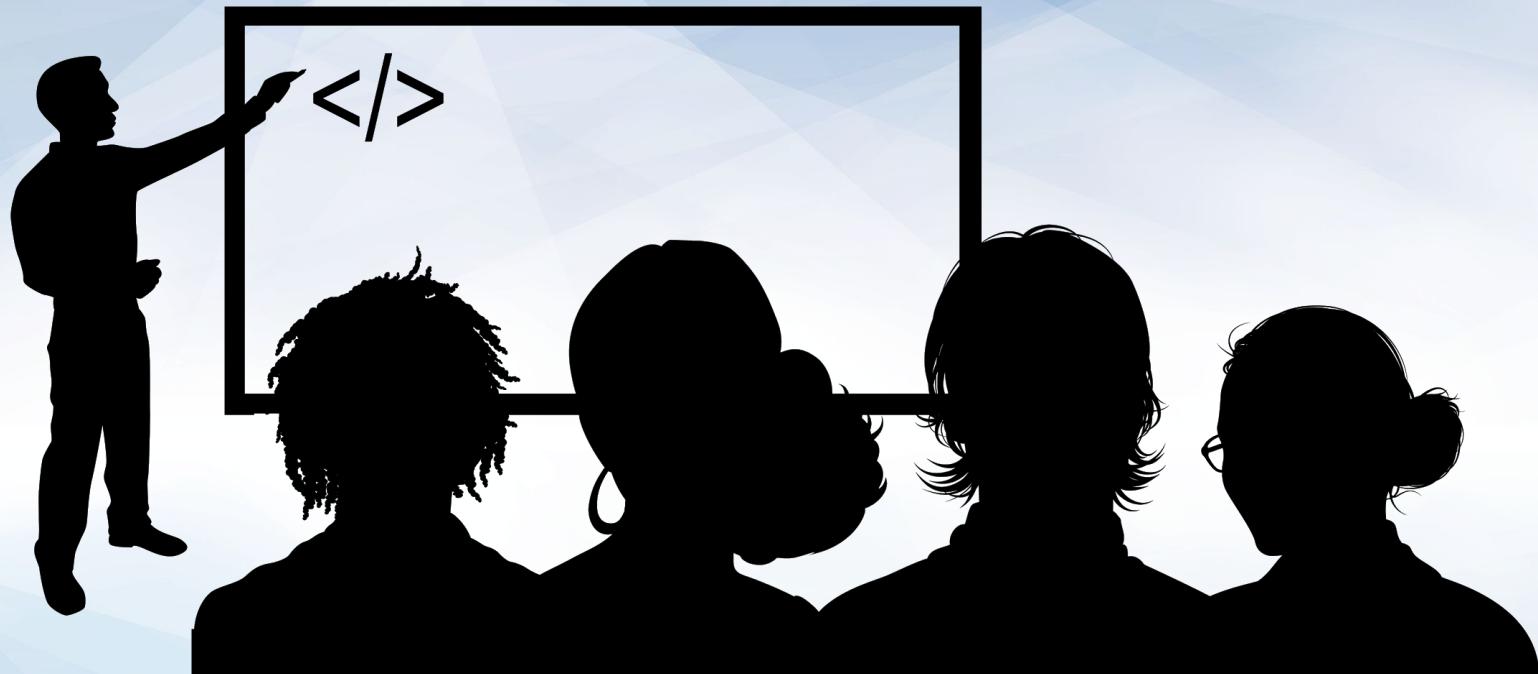
Hover State



Focus State



Active State



## Instructor Demonstration Pseudo Styles

# Activity: Pseudo Styles

---

## Assignment:

Create a series of links and modify the pseudo-classes associated with their default, active, hover, and focus states.

## Bonus:

If you finish early, incorporate a pseudo-class we haven't yet covered.  
Then Google pseudo-elements and try to incorporate one as well.

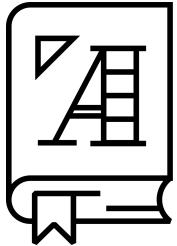
Suggested Time: 5 minutes



# Beyond CSS Hacking

# Quick Refresher on HTML/CSS

---



**HTML:** Hypertext Markup Language (Content)

**CSS:** Cascading Style Sheets (Appearance)

**HTML and CSS are the “languages of the web.”** Together, they define both the content and the aesthetics of a webpage, including colors, fonts, and content placement. (JavaScript is the third language of the web: it handles logic, animation, etc.)

# HTML vs. HTML/CSS

---

HTML Alone	HTML and CSS
Like writing papers in Notepad.	Like writing papers in Microsoft Word.
Used to write unformatted text (i.e, content only).	Used both to write the content <i>and</i> format it (color, font, alignment, layout, etc.).
	

# How You (Probably) Feel About CSS



# How You (Probably) Feel About CSS

---



# How You (Probably) Feel About CSS

---



# How You (Probably) Feel About CSS

---



**A revelation. There is a better way!**





Instructor Demonstration  
Where's the CSS?

# Partner Activity: Where's the CSS?

---

With those sitting nearest to you, take a close look at the Bootstrap-powered HTML document I just sent you.

Be prepared to answer the following two questions:

01

Where does this HTML document draw its styles from?

02

How does our browser know which HTML element to style, and in which way?  
(e.g., button face or background banner)

**HINT:** Think about how Google Fonts work.

Suggested Time: 5 minutes



# Powered by Bootstrap

---

External CSS Link:

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <title>My First Website</title>
5      <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/
       bootstrap/3.3.6/css/bootstrap.min.css">
6  </head>
7  <body>
```

Predefined CSS Class (e.g., jumbotron):

```
<div class="jumbotron">
    <h1 class="text-center"><strong>Awesome Header</strong></h1>
    <h2 class="text-center">Smaller Awesome Header</h2>
    <h3 class="text-center">Even Smaller Header</h3>
    <p class="text-center"><a class="btn btn-danger btn-lg" href="#" role="button">
        <span class="glyphicon glyphicon-envelope"></span> Learn more</a></p>
</div>
```

# Powered by Bootstrap

The Coding Bootcamp

Home

About

Contact

Dropdown ▾

Default

Static top

Fixed top

# Awesome Header

Smaller Awesome Header

Even Smaller Header

 Learn more

**class="jumbotron"**



*Placeholder text for the first column.*

*Placeholder text for the first column.*

*Placeholder text for the first column.*



*Placeholder text for the second column.*

*Placeholder text for the second column.*

*Placeholder text for the second column.*



Using Bootstrap gives us  
*predefined* CSS styles.

# Partner Activity: Predefined CSS

---



Turn to the person next to you and celebrate!



Then discuss the concept of Bootstrap to confirm that you both understand why you are celebrating.



**HINT:** You should be explaining why Bootstrap's predefined CSS a big deal.

**Suggested Time:** 5 minutes



# What Is Bootstrap?

# Bootstrap Definition

---



Bootstrap is a free collection of tools for creating websites and web applications.



It comes with a pre-built design template for typography, forms, buttons, navigation, UI elements, and JavaScript.



Bootstrap documentation: [getbootstrap.com](http://getbootstrap.com)

# Why Use Bootstrap?

---

## Reason #1: UI Kit



Familiarize yourself with the UI features Bootstrap offers by reading the documentation.



Once Bootstrap is active, you can simply copy snippets from the documentation to save yourself the time it takes to create elements from scratch!



# Why Use Bootstrap?

## Reason #2: Mobile Responsiveness



One of the most compelling reasons to use Bootstrap is that it is mobile-responsive by default.



This means that your website will automatically look great when viewed on screens ranging from monitors to tablets to phones.



# HTML/CSS/Bootstrap Analogy

HTML Alone	HTML and CSS	HTML/CSS and Bootstrap
Like writing papers in Notepad.	Like writing papers in Microsoft Word.	Like writing papers in Microsoft Word <i>using a template</i> .
Used to write unformatted text (i.e., content only).	Used both to write the content <i>and</i> format it (color, font, alignment, layout, etc.).	You can still customize it, but you're starting with a pre-built style and aesthetic.
		

# Key Bootstrap Features

# Bootstrap Components

---

Bootstrap offers a wide range of components that you should consider including in your future web projects. Flip through the documentation and incorporate elements as you see fit.

Bootstrap Components				
Glyphicons	Navs	Badges	Progress bars	Wells
Dropdowns	Navbar	Jumbotron	Media object	
Button groups	Breadcrumbs	Page header	List group	
Button dropdown	Pagination	Thumbnails	Panels	
Input groups	Labels	Alerts	Responsive embed	

# Bootstrap Nav Bars

My First Website

Link 1

Link 2

Link 3

Example:

```
<nav class="navbar navbar-default navbar-fixed-top" role="navigation">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed"
              data-toggle="collapse" data-target="#navbar" aria-expanded="false" aria-controls="navbar">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="page-scroll navbar-brand" href="#page-top">My First Website</a>
    </div> <!-- /.navbar-header -->
    <div id="navbar" class="navbar-collapse collapse">
      <ul class="nav navbar-nav">
        <li class="hidden">
          <a href="#page-top"></a>
        </li>
        <li><a href="http://www.google.com" class="nav-btn">Link 1</a></li>
        <li><a href="http://www.facebook.com" class="nav-btn">Link 2</a></li>
        <li><a href="http://www.twitter.com" class="nav-btn">Link 3</a></li>
      </ul>
    </div><!--/.navbar-collapse -->
  </div> <!-- /.container -->
</nav>
```

# Bootstrap Jumbotron

---

# Hello, World!

This is a simple hero unit, a simple jumbotron-style component for calling extra attention to featured content or information.

[Learn More](#)

```
<div class="jumbotron">
  <h1>Hello, world!</h1>
  <p>...</p>
  <p><a href="#" class="btn btn-primary btn-lg" role="button">Learn more</a></p>
</div>
```

# Bootstrap Table

---

#	First Name	Last Name	Username
1	Mark	Otto	@mdo
2	Jacob	Thornton	@fat
3	Larry	the Bird	@twitter

Example:

```
<table class="table table-striped">
  <tr>
    <th>First Name</th>
    <th>Last Name</th>
    <th>Username</th>
  </tr>
  <tr>
    <td>Mark</td>
    <td>Otto</td>
    </td>@mdo</td>
  </tr>
  ...
</table>
```

# Bootstrap Form

---

**Email address**

**Password**

**File input**

No file chosen

Example block-level help text here.

Check me out

## Example:

```
<form>
  <div class="form-group">
    <label for="exampleInputEmail1">Email address</label>
    <input type="email" class="form-control" id="exampleInputEmail1" placeholder="Enter email">
  </div>
  <div class="form-group">
    <label for="exampleInputPassword1">Password</label>
    <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">
  </div>
  <div class="form-group">
    <label for="exampleInputFile">File input</label>
    <input type="file" id="exampleInputFile">
    <p class="help-block">Example block-level help text here.</p>
  </div>
  <div class="checkbox">
    <label>
      <input type="checkbox"> Check me out
    </label>
  </div>
  <button type="submit" class="btn btn-default">Submit</button>
</form>
```



## Instructor Demonstration Bootstrap Components

# Partner Activity: Bootstrap Components

---

Working with someone sitting near you, do the following:

01

Navigate to the Twitter Bootstrap website.

02

Copy the link to the Bootstrap CSS file into one of your old HTML files.

03

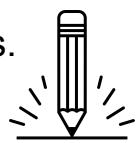
Look through the Bootstrap CSS or Components list and incorporate at least three Bootstrap elements into your page.

04

Slack a screenshot of your page to your section's channel when you finish.

**HINT:** First include a link to Bootstrap's CSS. Then visit the Bootstrap page on CSS or Components.

Suggested Time: 15 minutes



# Takeaways

# Takeaways

---

It's the end of class! By now, you should be able to:

01

Provide a loose definition of *typography* and list a few CSS properties that can be used to style it.

02

Offer a practical example of using pseudo-classes.

03

Understand generally what Twitter Bootstrap is and why predefined CSS frameworks are so powerful.

04

Know how to incorporate the Twitter Bootstrap style library into your website.

# Next Class: Layout Building!

---

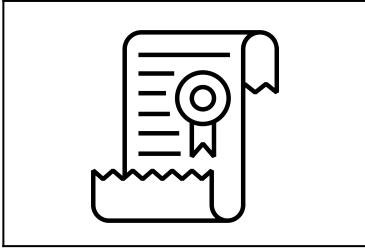
News      Home      About      Contact

## Awesome Stories



### The Greatest Website Ever Made

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla.



### The Greatest Website Ever Made

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla.



Questions?