

M M E D - 1 0 5 6

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A dark, moody photograph showing a person's hands interacting with a computer setup. A hand is visible on the left, holding a white computer mouse and clicking its button. Another hand is partially visible on the right, resting on a blue keyboard. The background is dark and out of focus, creating a dramatic lighting effect.

— Daniel Mall

“Technology over technique produces emotionless design.”



WEEKLY COMIC
DESIGNER COFFEE



WEEKLY COMIC
PENNYWISE DOES LAYOUTS



WEEKLY VIDEO
CLIENTS FROM HELL



Midterm Project – Review Specs

- 5 Valid HTML
- 5 Valid CSS
- 5 Document Outline
- 1 Followed instructions (Folder Structure, naming etc.)
- 2 Properly submitted via git, used versioning
- 7 Design
- 2 Use of CSS3
- 3 CSS3 Animation/Research

Total Value 30%



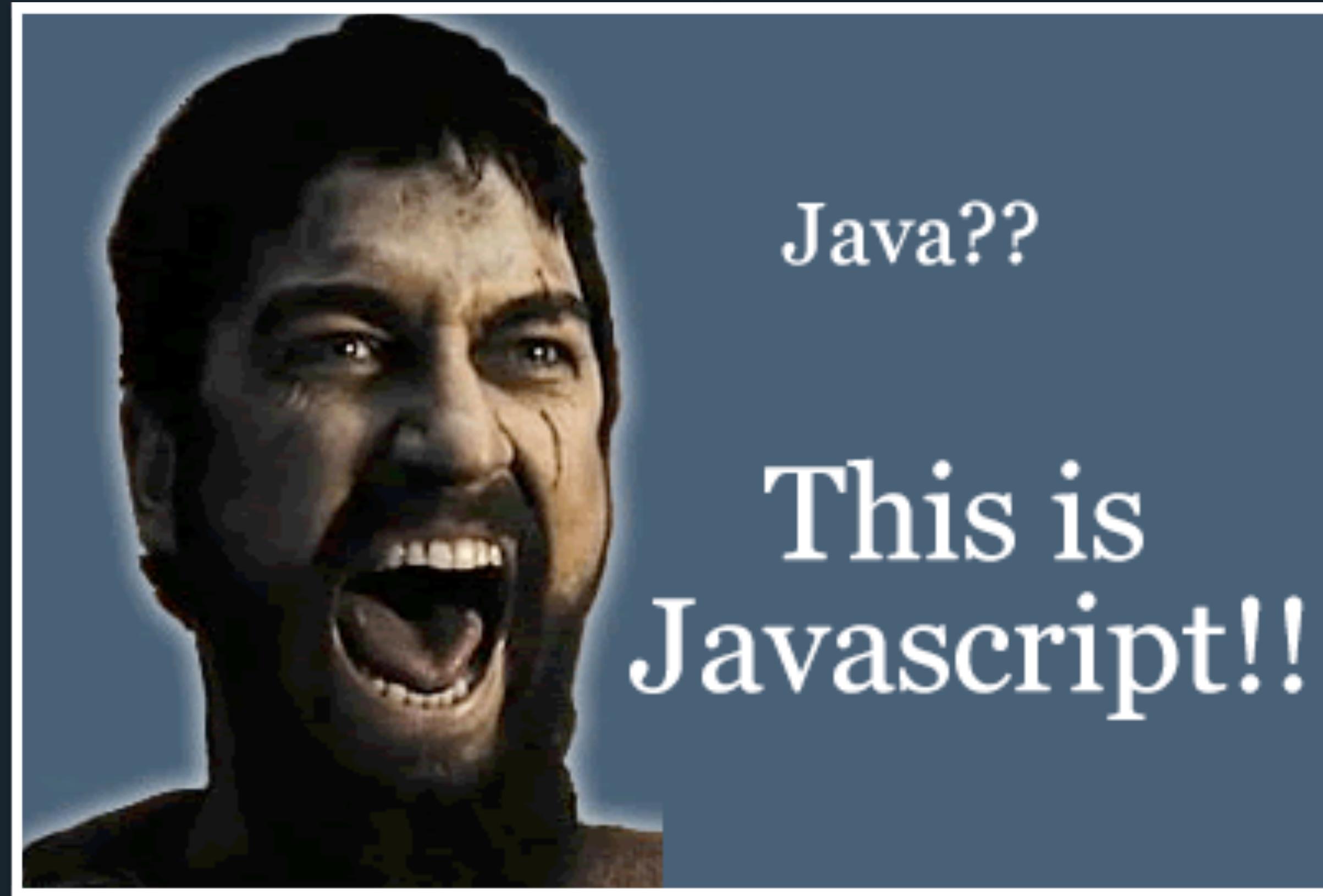
IWD - Winner, winner, chicken dinner

- Congrats: Tyler, Jackson & Fateh!





Javascript - Adding Dynamic Functionality





Javascript - Quick Facts

- JavaScript is an object-oriented scripting language. It allows for the creation of dynamic HTML pages, processing input data and outputting data.
- Java is a programming language, core set of libraries, and virtual machine that allows for the creation of compiled cross platform programs.



Javascript - Quick Facts

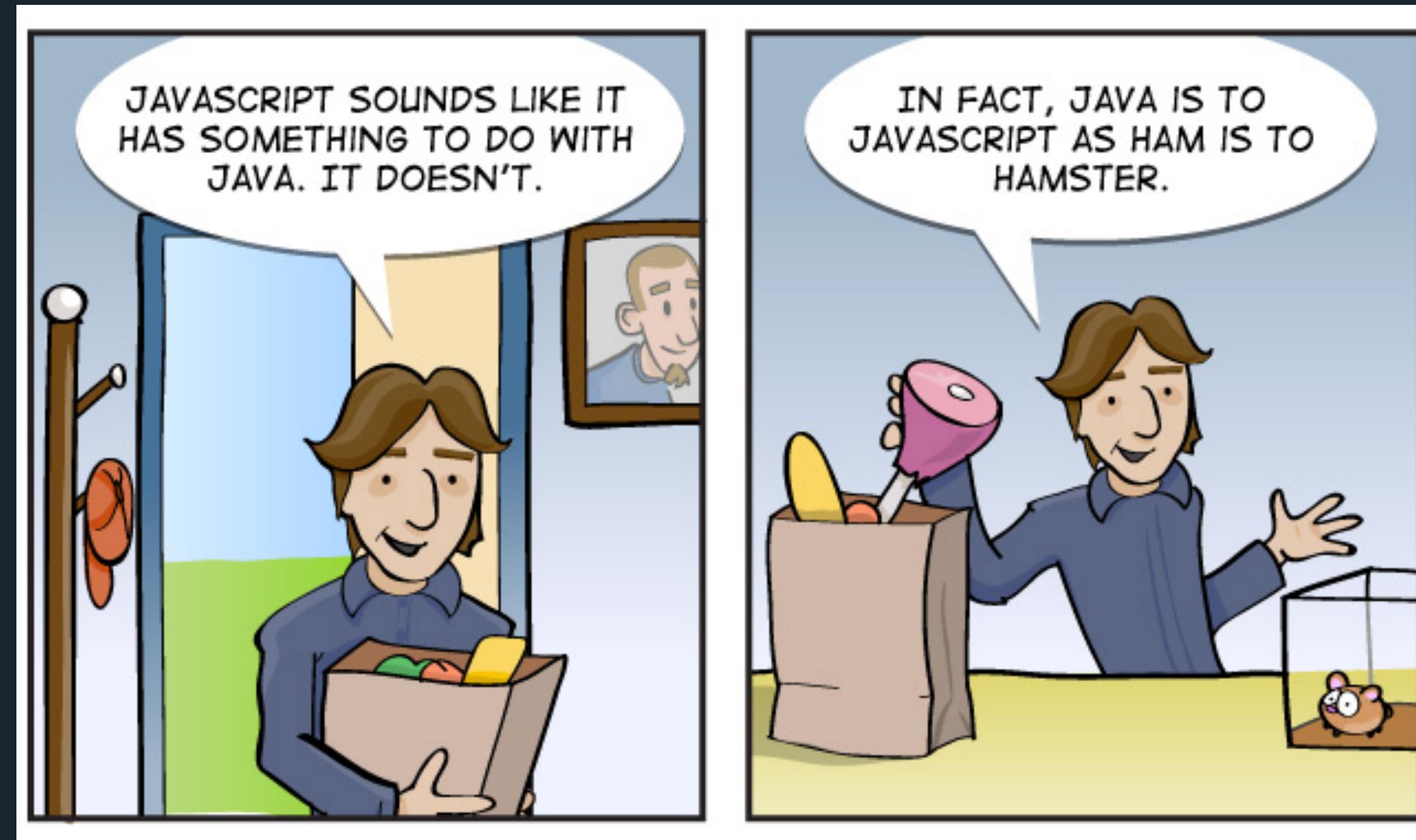


Image from: [http://coding.smashingmagazine.com/2009/07/29/
misunderstanding-markup-xhtml-2-comic-strip/](http://coding.smashingmagazine.com/2009/07/29/misunderstanding-markup-xhtml-2-comic-strip/)



Javascript - Quick Facts

- Spawned in 1995
- By far the most popular language on the Web
- Was originally called "LiveScript," to reflect its dynamic nature, but was quickly renamed JavaScript, a mistake driven by marketing that would plague web designers for years to come.



Javascript - Quick Facts

- HTML markup (known as structure)
- CSS (known as presentation)
- Last but not least:
- JavaScript (known as behaviour)



Javascript - Quick Facts

- JavaScript works inside the web browser.
- JavaScript is typically a client-side language. It is sent to the user's browser and it runs there.*
- As opposed to server-side technologies like PHP, ASP.NET, These languages execute their code on the web server and deliver the results to the client.

*Node.js is an open-source, cross-platform, JavaScript runtime environment that executes JavaScript code outside of a web browser.



Javascript - Creating and Linking

- Create main.js page
- Link main.js in html page using the following code
- <script src="js/main.js"></script>
- Goes above </body> tag



Javascript - Quick Facts

- From here on in you are required to do this for all of your assignments.
- Javascript will be covered extensively in your Authoring class.



CSS Reset - Eric Meyer

- The goal of a reset is to reduce inconsistencies with browsers and the way they render html elements.
- Essentially we “reset” or 0 out values to a consistent baseline.

<http://meyerweb.com/eric/tools/css/reset/>

- Download the reset file.



CSS Reset - Eric Meyer

- This reset is meant to be used a starting point. It can be added to, and or have elements taken away, it's up to you.
- The reset is linked like any other CSS file, but linked to first.
- Order is important, linking to your reset after other CSS files can cause issues.



CSS Extras - Typography Basics

- Line Height
- Letter Spacing
- :first-line
- :first-letter



CSS Extras - Typography Basics

- <https://developer.mozilla.org/en-US/docs/Web/CSS/font-weight?redirectlocale=en-US&redirectslug=CSS%2Ffont-weight>
- Read up on Font Weight, will come in handy when using custom fonts, as they typically support different font weights other than normal and bold.



CSS Extras – Advanced Selectors

- :first-child
:last-child
:nth-child(odd)
- The :first-child pseudo-class will select an element if it's the first child within its parent
- The :last-child pseudo-class will select an element if it's the last element within its parent.



CSS Extras – Advanced Selectors

- These pseudo-classes are perfect for selecting the first or last items in a list.
- There are also structural and position based pseudo-classes that select elements based on a number or an algebraic expression.
- `:nth-child(n)` selects an element based on a number or an algebraic expression.



CSS Extras – Advanced Selectors

- Using a number within a pseudo-class will count from the beginning, or end, of the document tree and select one element accordingly.
- eg, the `li:nth-child(6)` selector will select the sixth list item within a list.



CSS Extras – Advanced Selectors

- Expressions can also be used:
- the `li:nth-child(4n)` selector will identify every fourth list item within a list tag.
- The expression this equates to $4 \times 0, 4 \times 1, 4 \times 2\dots$
- The selected elements are the in the 4th and 8th positions.



CSS Extras – Advanced Selectors

- Get together in your assigned breakout rooms and work your way through the CSS diner: <http://flukeout.github.io>
- The team to make it the furthest will get a prize... and bragging rights.
- You must document each answer in a text file and work your way through each level.



HomeWork Assignment

- Each Student must demonstrate the ability to properly set up a folder and include the necessary Javascript file, and CSS reset.
- Due Next Class (First 1/2hr)
- Value 5%

1.5 JS file

1.5 Reset

1 Followed Instructions (PDF's in assets folder etc)

1 Properly uploaded to Git Hub

Thank you



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