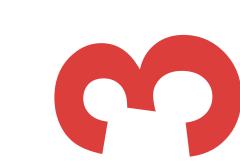
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TONIGHT'S AGENDA

- Continue with CSS layout demos
- Other CSS Related topics (as time allows)
 - CSS Center Horizontal Menu
 - CSS Attribute Selectors
 - Responsive Design
 - Bootstrap Framework
- Readings & Assignments

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CSS LAYOUT DEMOS



CSS CENTERED MENU

- Using inline-block to center the ul demo
- Using position relative to center the ul and li demo
- http://matthewjamestaylor.com/blog/beautiful-css-centeredmenus-no-hacks-full-cross-browser-support

CSS ATTRIBUTE SELECTORS

Attribute Selectors were in CSS 2

- E[attr] {} /* Simple Attribute Selector attribue exists */
- E[attr='value'] {} /* Exact Attribute Value Selector */
- E[attr~='value'] {} /* Partial Attribute Value Selector part of space separated list*/
- E[attr|='value'] {} /* Language Attribute Selector */

CSS 3 adds more Attribute Selectors

- E[attr^='value'] {} /* Begining Attribute Selector starts with value*/
- E[attr\$='value'] {} /* Ending Attribute Selector ends with value*/
- E[attr*='value'] {} /* Arbitrary Attribute Selector substring in attribute*/

http://www.w3.org/TR/css3-selectors/

http://reference.sitepoint.com/css/attributeselector

Can have some buggy support in older browsers so test.

PSEUDO-SELECTORS

- CSS 2 provided 1 along with link ones like :hover
 - ifirst-child
- CSS3 adds many more
- http://nthmaster.com/
- http://www.w3.org/TR/css3-selectors/
- http://coding.smashingmagazine.com/2011/03/30/how-to-usecss3-pseudo-classes/
- http://css-tricks.com/pseudo-class-selectors/
- http://reference.sitepoint.com/css/css3psuedoclasses
- http://selectivizr.com/
 IE Support on old versions

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RESPONSIVE DESIGN

RESPONSIVE DESIGN

- Use css media queries to conditionally load styles based on things like screen size
- Basic style sheet media query format:

```
@media screen and (min-width: 800px) {
CSS Rules Go Here
}
```

- Above rules will only apply to windows 800px or larger.
- Can also load linked stylesheet conditionally.

```
<link href="style.css" rel="stylesheet" media="screen and
(min-width: 800px)">
```

RESPONSIVE DESIGN

- Can also use with the css import directive
 - eimport url("file") screen and (min-width: 800px);
 - Probably should avoid unless you understand how import works and may impact performance. Concurrent loading is one issue.
 - Google css import to read more.
- http://mediaqueri.es/
- http://www.w3.org/TR/css3-mediaqueries/
- https://developer.mozilla.org/en-US/docs/CSS/Media_queries
- http://cssmediaqueries.com/
- http://bradfrost.github.com/this-is-responsive/resources.html

BOOTSTRAP CSS FRAMEWORK

- CSS Framework with built in classes to start from
- You can download other bootstrap themes that modify these styles or override them yourself
- Originally created by a designer and a developer at Twitter
- getbootstrap.com

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READINGS AND ASSIGNMENTS

READING & ASSIGNMENTS

• Should be finished with part II, CSS. Start reading JavaScript Chapters.

Assignment

• Lab 6 – Due April 7 – 11:59pm Chicago time