



CS472 WAP

Styling Sections

Cascading Style Sheets (CSS)

Diversity from Unity

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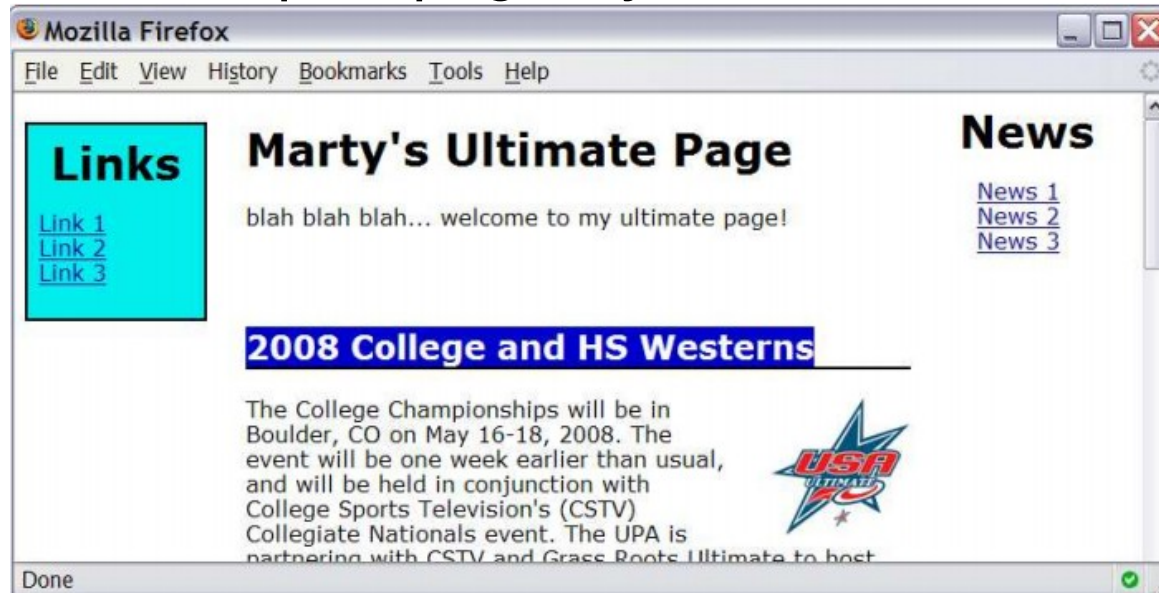
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Main Point Preview

- The `<div>` tag provides a generic block level element that can be used for any division or section of your page. The `` tag provides a generic inline element for specifying any range of text inside a box. By using these tags, combined with CSS selectors we can write powerful and reusable CSS rules to style and layout pages.
- *This is an example of efficiency through abstraction. We can have rules that apply to many different elements by abstracting over tags and classes. Do less and accomplish more by acting from abstract levels of awareness.*

Motivation for page sections

- Want to be able to **style individual elements, groups of elements, sections of text** or of the page
- Want to create complex page layouts



Sections of a page: `<div>` vs ``

- `<div>` is a block element
- `` is an inline element
- They have no onscreen appearance, but you can apply styles to them
- They carry no significant semantic meaning

```
<div class="shout">  
  <h2>Hello</h2>  
  <p class="special">See our specials!</p>  
  <p>We'll beat <span class="shout">all  
prices!</span></p>  
</div>
```

Review: HTML5 tags for page sections

- Serve the same purpose as `div` – more semantic and descriptive than `div`s
 - Note in example, `section` can be section of an article or section of document containing articles



W3C CSS Validator

- Check your CSS to make sure it meets the official CSS specifications
- More picky than the web browser, which may render malformed CSS correctly

```
<p>  
  <a href="http://jigsaw.w3.org/css-validator/check/referer">  
      
  </a>  
</p>
```


Main Point

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- *This is an example of efficiency through abstraction. We can have rules that apply to many different elements by abstracting over tags and classes. Do less and accomplish more by acting from abstract levels of awareness.*

CONNECTING THE PARTS OF KNOWLEDGE WITH THE WHOLENESS OF KNOWLEDGE

CSS: Diversity from Unity

1. How a page is displayed is affected by both the HTML and the CSS
 2. Although every HTML tag has a default way of displaying, it can easily be changed with CSS and should never be the basis for using it. Instead use HTML tags based on meaning.
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3. **Transcendental consciousness** is the field that underlies all differences.
 4. **Impulses within the Transcendental field:** pure consciousness is a field of infinite possibilities that gives rise to the great diversity of the relative world, the same underlying content can appear as many expressions.
 5. **Wholeness moving within itself:** In Unity Consciousness, one experiences that this unbounded diversity is nothing but the Self.



