INTRO TO HTML AND CSS
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(Courtesy of Boyu Wang, 2016)
COMS 4170
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Agenda

• HTML
  • The skeleton
• CSS
  • The skin
• HTML/CSS Demo
• Next Time: JavaScript, jQuery (the muscle)
HTML

• HyperText Markup Language
  • HyperText → the method by which you move around on the web (clicking hyperlinks)
  • Markup → HTML tags mark the text inside them
• Used for describing web documents
  • “The skeleton”

HTML Components

• HTML elements
  • The extent of an element is shown by a tag pair: a 'start tag' (e.g., <p>) and an 'end tag' (e.g., </p>)
  • Nested together to form an HTML document
  • Can have attributes, which provide more information
Basic HTML Document Structure

- Tags:
  - DOCTYPE
  - HTML
  - Head
  - Body

CSS

- Cascading Style Sheets
  - Used to describe the presentation of elements within an HTML document
  - Adds style, such as:
    - Fonts
    - Colors
    - Spacing
  - "The skin"
HTML and CSS

- A skeleton with skin

Additional Resources

- Codecademy Tutorial on HTML & CSS
- HTML Reference
- YouTube CSS Tutorial Series
- CSS Reference
- W3Schools