

# WEEK 3: HTML AT LAST!

INFO/CS  
1300: Fall  
2016

# COURSE MAP

Topic Area	Dates	Goals	Assignments
Introduction and Infrastructure	8/24 – 8/26	1-5	All
HTML & Structure	8/29 – 9/9	1,2	Brief Assignments
CSS & Presentation	9/12 – 9/30	2	
Client-Side Scripting: JavaScript & jQuery	10/3 – 10/21	3	
Server-Side Scripting: PHP	10/24 – 11/4	3	
Basic User Testing	11/7 – 11/18	4	Final Project
Taking a Site Live	11/21 – 12/2	1-5	

# AGENDA

- Office hour information.
- Assignment 1 general comments.
- Brief recap of course progress.
- HTML and the Document Object Model (DOM).

# ASSIGNMENT 1 COMMENTS

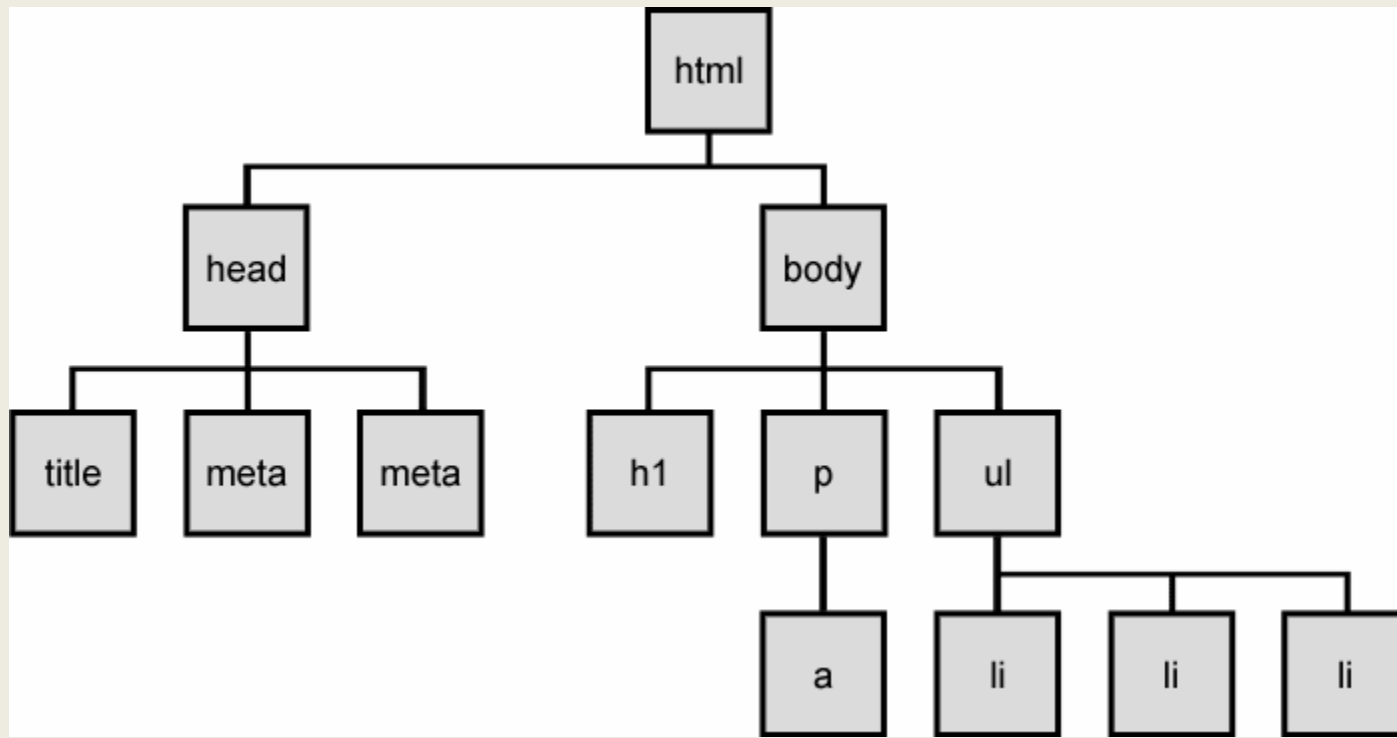
- You can delete the repo. Delete any outside IP in the repo.
- .htm vs. .html
- Link to images in a local directory, not a remote one.
- URL in media credit must be usable, not private.
- Be careful of case in folder names, e.g., `images`, not `Images`.
- Take out the trash, i.e., get rid of unneeded files in your directories and repos.
- Make sure your repo is publicly viewable if you want people to see the code.
- Only use regrade forms for regrade requests/appeals.

# WHERE ARE WE?

- Last HTML-only assignment. Last of the uglies!
- Assignment 2 is brief because of short week.
- We will add more tags as we go.

# KEY TERMS & PRACTICES

- Document Object Model (DOM tree).
- Traversal: selection of elements.



Picture from: <http://courses.cs.washington.edu/courses/cse190m/10su/lectures/slides/lecture15-dom-tree.shtml#slide2>

# KEY TERMS & PRACTICES

- Document structure.
  - Print example: newspaper article.
  - Web example: banner, navigation menu, etc.
- Use tags for what they are, e.g., tables.
  - No table-based layout!
- Hierarchical headers.
- Block-level vs. inline elements.
  - Block-level: blank line before and after.
  - Inline:
- HTML character entities.

# ASSIGNMENT BASICS

- Use mnemonic/descriptive ids and class names for divs and spans. Example: `nav_div`.
- No spaces or punctuation marks in file or directory names.
  - Display problems: `%20`.
  - So, `paling_resume.htm`, **not** `Steve's resume.htm`.
- Use basic code formatting such as indentation and comments.
  - Standard indent = 4 spaces.
  - Tabs OK, but most developers prefer spaces.



# ASSIGNMENT BASICS

- No display code in HTML:
  - No `<br>` tags.
  - No non-breaking spaces, i.e., `#nbsp;`
  - No image border attribute.
  - No fonts or colors.
- Adjust image size with image application, not styling.
  - Paint on Windows.
  - Preview in Mac (<http://www.tech-recipes.com/rx/57020/resize-images-mac/>).