

Class 3: The structural layer – XHTML

Anatomy of a web page

XHTML elements

Tags, attributes and values

Markup structure & relationships

- Block/Inline

- Child/Parent

XHTML rules and good practice

Links and URLs:

- Absolute

- Relative to document

- Relative to web root

Semantic markup

DOCTYPE

Characters and encoding

Code validation

References

CSS and HTML Web Design by Craig Grannell

Head First HTML with CSS & XHTML by Elizabeth Freeman & Eric Freeman

HTML and CSS Web Standards Solutions by Chris Murphy & Nicklas Persson

<http://htmldog.com/>

<http://www.w3schools.com/xhtml/default.asp>

<http://reference.sitepoint.com/html>

<http://validator.w3.org/>

Class 3 Homework

Read: Chapters 1 and 2 of CSS and HTML Web Design

- or Chapters 1-7 of Head First HTML

- or Chapters 1-7 of HTML and CSS Web Standards Solutions

Chapters 1 and 2 of [Build Your Own Website the Right Way](#)

<http://www.alistapart.com/articles/a-brief-history-of-markup/>

Create a simple 4 page website, one homepage (index.html) and 3 sub-pages in order to showcase the three examples of good design that you identified in your Class 1 coursework. Remember that, at this stage, we are only interested in the structure of the pages and so there will be no presentational layer (no CSS – even if you know how to do this). Focus on the XHTML alone and the semantics of your markup. Use a simple text editor to complete your work. Do **not** use a WYSIWYG web editor. Upload your site to your hosted web space using an FTP client (FileZilla or similar). Check your website in the Firefox browser. Use the W3C Markup Validation Service to check your code. We will review your proto-website in the Class 4.

Add a link to your coursework site on the sidebar of your blog.

Add any useful HTML references as links (sidebar) on your blog.

Add your blog address and the address of your coursework site to your profile on the programme forum.

Add a “What I learned this week...” post to your blog.

Your Web Design Toolkit

Download and install a code editor and an FTP client. Those on a PC should consider [Notepad++](#) (free) and [Filezilla](#) (free) or [Cyberduck](#) (free). Those on a Mac should consider [Taco HTML Edit](#) at 25\$ (30 day trial available) or [Smultron](#) \$5 and [Filezilla](#) (free) or [Cyberduck](#) (free). Alternatively, you may use any other code editor and FTP client of your choice.

Download and install [Firefox](#) if you don't already use it. Install the [Web Developer](#) toolbar, [Firebug](#) and [HTML Validator](#) add-ons.