Introduction to Web Design
Lecture #1: Introduction to HTML/CSS

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Student Information Processing Board (SIPB)
Overview

• Editors

• HTML document structure

• CSS

• Web browsers
Text Editors

- jEdit
- Notepad++ (Windows only)
- Kate (Windows: partial)
- gedit
- Emacs
- Vim
Text Editors: jEdit
Text Editors: Notepad++

```
<?
include ('./slidemenu.php');

class fileAuthor {
    var $title;
    var $author;
    var $email;
    var $fileName;

    function fileAuthor($title, $author, $email, $fileName)
    {
    }
}

<script language="JavaScript">
...
function kl_popupMsg(msg) {
    alert(msg);
}

</script>

<table CELLPADDING=0 CELSPACING=0 align="center" class="menu" height='100%'>
    <tr>
        <th><a href="#" onmouseover="ypSlideOutMenu.showMenu('menu2');" onmouseout="ypSlideOutMenu.hideMenu('menu2')">Help N++</a></th>
    </tr>
</table>
```
Text Editors: Kate
Text Editors: gedit
Text Editors: Emacs
Text Editors: Vim

68  <par>
69   VIM is capable of a lot more,
70   the screenshot below reveals this.
71  </par>
72  <image src="vim.png" width="684" height="519" alt="VIM Screen">
73  <par>
74   The configuration file supports many options to customize
75  </par>
76  <par>
77   My <link href="../vimrc">vimrc file</link> is available for
78   It should be placed at <file>~/.vimrc</file> for normal use.
79   To define global settings, use <file>/etc/vimrc</file> instead.
80   Gentoo Linux places this file in <file>/etc/vim/vimrc</file>.
81  </par>
82  <par>
83   It's better to extend the configuration of your distribution.
84   Don't overwrite the <file>/etc/vimrc</file> file, but place
85   configuration at <file>/etc/vimrc.local</file> for instance.
86   Edit the original <file>/etc/vimrc</file> file, and append
87   <command>source /etc/vimrc.local</command>.
88  </par>
89  </section>

"index.xml" 97L, 3610C written 72,38 89%
WYSIWYG Editors

- Dreamweaver
- Microsoft Frontpage
WYSIWYG Editors: Dreamweaver
Microsoft FrontPage 98 Server Extensions Resource Kit

Welcome to the FrontPage 98 Server Extensions Resource Kit, your guide to understanding, installing, and maintaining the FrontPage Server Extensions on your Web server. This kit covers all Web servers that are supported by the FrontPage Server Extensions, including Windows NT and UNIX platforms.

The latest version of the Server Extensions Resource Kit is posted on the [FrontPage Server Extensions home page](#). Please check this link often for updates to the Server Extensions Resource Kit along with notices of new versions of the FrontPage Server Extensions, news for webmasters and Web Presence Providers, and additional tips and utilities for using and maintaining the FrontPage Server Extensions.

- [Introduction to the FrontPage Server Extensions](#)
- [Security Considerations](#)
- [Installing the FrontPage Server Extensions](#)
WYSIWYG Editors: Frontpage
WYSIWYG Editors: Frontpage

Example:
sipb.mit.edu/iap/webdesign/examples/fir.html
HTML Document Structure

Example:

sipb.mit.edu/iap/webdesign/examples/wmda.html
HTML Document Structure

Reference:
http://www.w3schools.com/tags/default.asp
HTML Document Structure

- Tag/element nesting
- Attributes
- Indentation
- Use elements for their intended purpose
  - Tables for data, not layout
- Deprecated elements (new HTML tags or CSS)
- HTML comments
HTML Document Structure

- Document Types
  - .html/.htm
  - .xhtml
  - .php
  - .asp/.aspx
  - .do
  - .jsp/.jspx
  - .ssi
  - .cgi/.fcgi
XHTML vs. HTML

• All tags must be in lower case
• All documents must have a doctype
• All documents must be properly formed
• All tags must be closed
• All attributes must be added properly
• The name attribute has changed
• Attributes cannot be shortened
• All tags must be properly nested
Other SIPB Classes

• Caffeinated Crash Course in PHP
  • Jan 12 07:30pm-10:30pm, 4-237

• Building Websites for Mobile Devices
  • Jan 19 07:30pm-09:30pm, 4-237