


**Dreamweaver II**

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**Agenda**

- Announcements
- Contact Information Sheet
- Attendance
- Go over syllabus and outline
- On with the class

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**Announcement (Housekeeping)**

- Parking in any lot (but dorms) after 3 pm
- Fire exits
- Restrooms
- Breaks (50 minutes, then break for 10)
- Smoke Free
- Water is fine
- No food in the computer room
  - Snack machines

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### Class Rules

- All opinions are honored
- We agree to disagree
- Stay on topic – as much as we can
- Share the time

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### Important Things to Remember

- You should learn what you want to learn
- We will learn from everyone
  - We will learn together
  - We will do almost all exercises as a group
- Always as questions
- This will be fun!

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### Course Structure

- Lecture on new concepts
- Working on site
- Lots of discussion
  - Always ask questions!

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[www.montet.org/wtc](http://www.montet.org/wtc)  
**Class Web Page**

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### Introductions

- Instructor
  - Who is this guy?
- Class
  - Who are you?
  - What experience do you have with the Web?
  - What do want to learn from this class?

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### Outline Review

- Week 1: Image Manipulation
- Week 2: Templates
- Week 3: Tools and Frames
- Week 4: Tables
- Week 5: Forms

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## Today – Review and Image Manipulation

- Finish CSS
- Linking
- Lists
- Pseudo Classes
- Review
- Rollovers
- Image (with rollover) navigation
- Image Mapping

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Linking – Anchors Away!

## Linking



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## Links are Anchors

- Anchor tag
  - `<a></a>`
- Can be a named anchor
  - `<a name="top"></a>`
  - Names a spot on a page
- Can be a link
  - `<a href="www.montet.org"></a>`
  - href attribute tells link where to go
  - Optional `target=""` attribute
    - In what window to open the link
    - `_blank`, `_self`, `_top`, `_parent`

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## href=""

### Types of href linking

- `href="english.html"`
  - Links to `english.html` file
  - File in same folder as file with link
- `href="teas/english.html"`
  - Links to `english.html` file in `teas` folder
  - Folder at same level as page with link
- `href="../../teas/english.html"`
  - `teas` folder is *above* file with link
  - `../` means "go up one level"

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## href="" - continued

- `href="/teas/english.html"`
  - Links to `www.mydomain.com/teas/english.html`
  - `/` means "look in the root directory"
- `href="english.html#description"`
  - Links to a named anchor in `english.html`
    - Looks for `<a name="description"></a>`
  - `#` refers to current page
- `href="http://www.montet.org"`
  - Points to an external Web site
  - `http://` is necessary for external links

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## target=""

- `<a href="http://www.montet.org" target="_self"></a>`
  - Opens page in current window
  - Default so it isn't necessary
- `<a href="http://www.montet.org" target="_blank"></a>`
  - Opens page in a new window
- `<a href="http://www.montet.org" target="_parent"></a>`
  - Opens page in top *frames* window
  - Will deal more with this in Dreamweaver II
- `<a href="http://www.montet.org" target="_top"></a>`
  - Cancels all frames and loads page
  - Will deal more with this in Dreamweaver II

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## What we can link

- Text or images can be linked
  - Text link

```
<a href="jabberwocky.html">Jabberwocky</a>
```
  - Image link

```
<a href="jabberwocky.html"></a>
```

    - The border="0" eliminates the colored border

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## Class exercise

Adding links



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More than bullet points

## Lists



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## Three kinds

- Ordered
  - 1. Ordered Item 1
  - 2. Ordered Item 2
  
- Unordered
  - Unordered Item 1
  - Unordered Item 2
  
- Data Lists
  - Term 1
  - Definition 1 of Term 1
  - Term 2
  - Term 2 (alternate spelling)
  - Definition 1 of Term 2
  - Definition 2 of Term 2

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## Uses

- Text Lists (obviously)
- CSS elements
  - Navigation
  - Allows for more control

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## Class Exercise

Add lists for Nav Items



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Making the cool stuff happen  
**CSS Pseudo-Classes**

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**Pseudo-classes**

- CSS selector – uses colon (:)
- Used to change links (mostly)
- Four types for links
  - `a:link`
    - Applied to any link
  - `a:visited`
    - Applied to visited links
  - `a:hover`
    - Applied to links on mouseover
  - `a:active`
    - Applied to a clicked-link

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**Class Exercise**  
Add Styles for Navigation

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## CSS Display

Inline vs. Block

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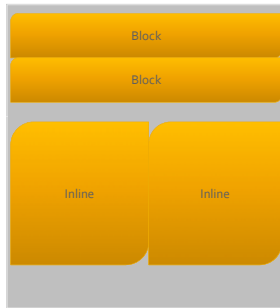
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### Inline vs. Block Rules

- `display:block;`
  - "block" across page
- `display:inline;`
  - Happens on same "line"



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Formatting lists for navigation

### CLASS EXERCISE

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A walk around the park  
One more time...

## Dreamweaver Interface

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### Elements of a Web Page

Content      Design      Images      Client-Side Coding

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Because all Dreamweaver does is  
Write code!

## eXtensible HyperText Markup Language (XHTML)

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### XHTML Tags

- Start "<"
- End with ">"
- Must be closed
  - `<p></p>`
  - `<img />`
- Must be in lower-case
- Must be nested properly
  - `<p><strong>some text...</strong></p>`

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### XHTML Tags

- Tags can have attributes
- Attributes redefine the tag
- ``
  - "src" is the attribute
  - Defines what image to show
- `<p style="color:red;">text</p>`
  - style is the attribute
  - Colors text in paragraph red

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## XHTML Tags

- Common tags:
  - <p> paragraph
  - <h1> heading (**h1** – h6)
  - <br /> line break
  - <strong> bolding (usually)
  - <em> emphasizing (italics)
  - <div> division or block of space
  - <span> just used for declarations
  - <img /> places an image on the page

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Giving the page its design

## The World of CSS



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## CSS – What it is

- Adds design to a site
- Adds structure to a site
- Made up of *rules*
  - Several rules together compose a *style*

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## CSS – What it is

- Three types of styles
- Tag styles
 

```
body {
  font-family: Verdana, Arial, Helvetica, sans-serif;
  font-size: 12px;
  color: #333333;
}
```
- Classes (.)
 

```
.verdana-text {
  font-family: Verdana, Arial, Helvetica, sans-serif;
  font-size: 12px;
  color: #333333;
}
```
- ID's (#)
 

```
#verdana-text {
  font-family: Verdana, Arial, Helvetica, sans-serif;
  font-size: 12px;
  color: #333333;
}
```

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## CSS – Where is it

- External style sheet
 

```
<link href="styles.css" rel="stylesheet" type="text/css" />
```

  - Linked in <head> tag
  - Changes affect all linked documents
- Embedded styles (at top of page)
 

```
<style type="text/css">.sampleclass{color: #FF0000;}</style>
```

  - Found just before closing </head> tag
  - Changes affect only that page

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## CSS – Where is it

- In tag's *style* attribute
 

```
<p style="color: #FF0000">This text is red.</p>
```

  - Block-element tags are best
    - <div>, <p>, <body>, <td>
  - Inline-elements may too
    - <span>, <strong>, <em>
    - Should be avoided
  - Changes affect only the tag

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## CSS – The Cascade

- The closer the style is to the content, the more powerful it is.
- Linked style sheet
  - Least weight - greatest flexibility
- Embedded styles
  - More weight – less flexibility
- Style attribute
  - Most weight – least flexibility

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Tying it all together

## Linking

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## href=w

- Types of href linking
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## Structuring a Web Site

Setting up the building blocks

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The screenshot shows a website for 'Tea Castle'. The navigation menu includes 'Home', 'Our Tea', 'History of Tea', 'Tea Stuff', and 'Contact Us'. The main content area is titled 'Our Tea' and contains several paragraphs of placeholder text (Lorem Ipsum). There is an image of a white teacup filled with tea and a tray of tea samples. On the right side, there is a sidebar with links for 'English Tea', 'Asian Tea', and 'Indian Tea'. The footer contains the copyright notice: '© Copyright 2009 - Tea Castle Company'.

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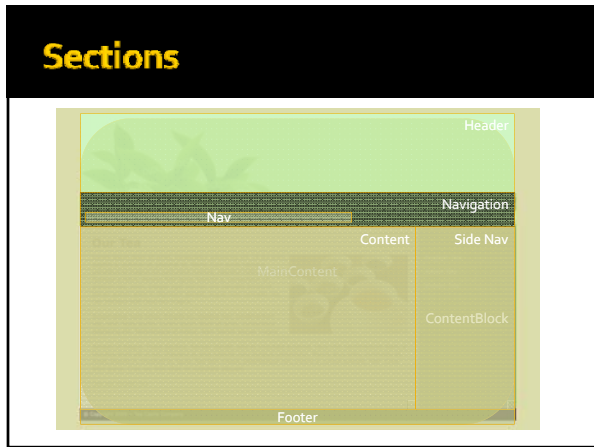
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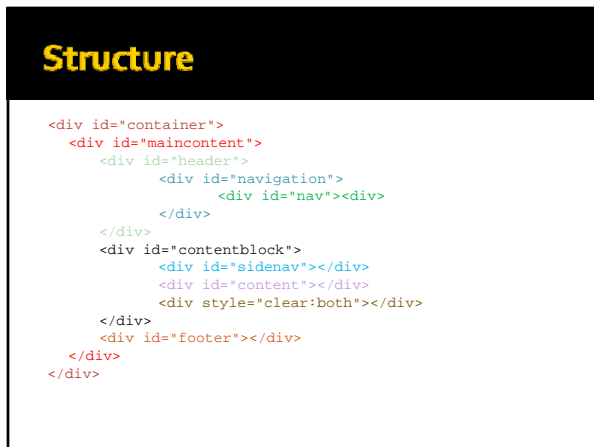
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**CSS Pseudo-Classes**

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**CSS Display**

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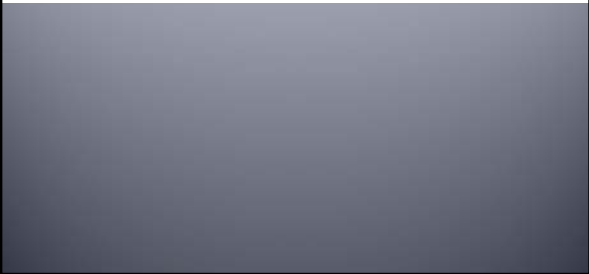
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## Questions?



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C'mon Phidoux, you can do it!

## Image Rollovers



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## Image Rollovers

- One Image replaces another
- Happens during "mouse events"
  - mousedown – image clicked
  - mousemove – image is dragged
  - mouseout – mouse leaves image
  - mouseup – mouse release over image
  - mouseover – mouse rolls over image
- mouseover is most common

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## Image Rollovers

- Adds JavaScript
- Automatically preloads images

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## Exercise

Add rollover to tea image on the "Welcome" page



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Replacing the Navigation the easy way

## Inserting Navigation

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## Image Navigation

- Remember, images can be linked
- Rollover images too!
- Steps
  - Comment the <ul> nav
    - (code view is easiest)
  - Insert Panel > Image drop-down > Navigation Bar

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## Exercise

Replace "Welcome" page navigation

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## Image Mapping

Multiple links from the same image

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## Image Mapping

- Different areas of the page are designated
- `<map></map>` tag is used
- `<area />` tags go inside
- `<area />` can be...
  - Circles
  - Squares
  - Multi-point areas
- Should have alt text as well

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## Exercise

Create "Our Tea" page  
Add content  
Add anchors  
Add image map

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