

# Announcements

- ❖ Instructor: Nelson Padua-Perez (nelson@cs.umd.edu)
- ❖ Class Web Site:
- ❖ <http://www.cs.umd.edu/class/fall2010/cmssc122/>
- ❖ No posting of code in the forum
- ❖ Check class announcements daily

# Links

- ❖ Link – connection between web resources
- ❖ Hypertext links are created using the <a> (anchor) tag
- ❖ The link can be text :
  - ❖ <a href="http://www.cnn.com">**CNN Web Page**</a>
  - ❖ Notice that you **need to** specify the protocol (http://)
  - ❖ **Example: Links.html**
  - ❖ The URL can be absolute or relative.
- ❖ The link can be an image:  
<a href="http://www.umd.edu"></a>

# Tables

- ❖ To define a table we use the `<table>` tag
  - ❖ Border attribute controls table's border
  - ❖ By default borders are not visible
- ❖ Basic tags are associated with tables
  - ❖ `<tr>` - defines a row
  - ❖ `<td>` - defines a data element
  - ❖ `<th>` - define a header data element
  - ❖ `<caption>` - provides a caption for the table
    - ❖ Must appear after the `<table>` tag
    - ❖ Must be used only once.
- ❖ **Example: Tables.html**



# Suggestions for Writing HTML Code

- ❖ Add the corresponding end tag immediately
- ❖ Use indentation
- ❖ Have a consistent style
- ❖ Use comments to separate sections of your code
- ❖ Validate your code as you develop it (not at the end)

# Block Elements/Inline Elements

- ❖ Comparison
  - ❖ Block elements begin on new lines whereas inline elements don't
  - ❖ Block elements create larger structures (allow you to define the large structure of your document) whereas inline elements don't
- ❖ Block Elements Examples
  - Paragraphs (<p>), Headings, Lists, Tables, Division (<div>), Block Quotations, Preformatted Text (<pre>)
- ❖ Inline Element Examples
  - Anchors (<a>), Images (<img>), Line Breaks (<br />)
- ❖ Block elements may contain other block elements, inline elements, and data. Some block elements may not contain other block elements
- ❖ Inline elements may contain inline elements and data

# Inline Elements in Block Elements

- ❖ Why the following example does not validate?
- ❖ Example: `ValidationProblem.html`

# Submit Server

- ❖ What is the submit server?
- ❖ How are you going to use it?
- ❖ How to create the zip (compress) file?
  - ❖ In Mac → Control → Click → Compress “FileName”
  - ❖ In Windows → Right Click → Send To → Compressed (zipped) folder
- ❖ You can submit as many times as you want (last submission graded)
- ❖ Use the submit server to store backup copies and to show code during office hours
- ❖ Do not wait until the day the project is due to access the submit server (no extensions will be granted due to submit server access problems)

# Publishing Your Web Page (TerpConnect)

- ❖ As a student of the university you have a directory (folder) where you can place your html documents so they can be accessed on the web
- ❖ Location of your folder:
  - ❖ Machine: `terpconnect.umd.edu`
  - ❖ Login by using your directoryID/Password combination
  - ❖ Folder location: `/pub/YOURDIRECTORYID`
- ❖ Main html document should be named `index.html`
- ❖ Web Page Address: `http://www.terpconnect.umd.edu/~YOURDIRECTORYID`
  - ❖ Notice there is a ~ before your directory id
- ❖ **Windows Users** - Use WinSCP to transfer files
  - ❖ <http://www.helpdesk.umd.edu/topics/applications/ftp/winscp/4313/>
  - ❖ Mac Users – Use Fugu to transfer your documents to wam
  - ❖ <http://rsug.itd.umich.edu/software/fugu/>
- ❖ Demo
- ❖ You will need your terpconnect location for Project #1 so make sure you access the repository ASAP.