

Announcements

- ❖ Check class announcements daily
- ❖ No posting of code in the forum

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**

Character Entity References

- ❖ Special Characters can be specified by
 - ❖ Name specification → `&name;`
 - ❖ Numeric specification → `&#xxx;`
- ❖ Commonly used characters
 - ❖ *Copyright* `©`
 - ❖ *Registered Trademark* `®`
 - ❖ `&` `&`
 - ❖ `<` `<`
 - ❖ `>` `>`
 - ❖ *Non break space* ` `
- ❖ **Example: CharacterReferences.html**
- ❖ Complete list at: <http://www.w3.org/TR/html4/sgml/entities.html>
- ❖ Regarding `&` in links
 - ❖ You need to replace `&` with `&` so validation is successful

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 (), Line Breaks (
)
- ❖ 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 using WinSCP
- ❖ Demo using fugu
- ❖ You will need your terpconnect location for Project #1 so make sure you access the repository ASAP.