

Announcements

- ❖ Check class announcements daily

Links

- ❖ Link – connection between web resources
- ❖ Hypertext links are created using the <a> (anchor) tag
- ❖ The link can be text :
 - ❖ **CNN Web Page**
 - ❖ 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:

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>

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
- ❖ You will need your terpconnect location for Project #1 so make sure you access the repository ASAP.