



How the Web Works

Partial presentation

IP Addresses

- IP address traditional (IPv4) address -
207.159.171.82
 - 4.3 billion available
- IP address new (IPv6) address -
2001:db8:0:1234:0:567:8:1.
- IP addresses are translated into URLs
(universal resource locators) like
www.westfield.ma.edu

File Names



- All files **MUST** have an extension
- All html files **MUST** have an .html extension.
- Your home page **MUST** always be named index.html.
- Index **MUST** be non-capitalized
- File names **MUST NOT** contain spaces or certain “reserved” characters. Use numbers, letters, dashes and underscores **only**. (Spaces lead to ugly names like page%20five.html.)
- Case matters! Use all lower case to keep it simple. Or use Camel Case
 - myWaterSkiingPics.html
- Use underscores and dashes to make names understandable
 - my-water-skiing-pics.html
- Have a file-naming strategy.
 - i.e., Dave_pic01.html, Dave_pic02.html, etc.

The Mac

- The Macintosh is evil!
 - ...because it likes you
- Doesn't require file name extensions (all files **MUST** have accurate extensions)
- You can use all kinds of funny names (you can only use letters, numbers, dashes and underscores [avoid spaces as well])
- Can use renamed Photoshop images (you **CANNOT** just rename a PSD file to JPG, you must save it out that way from Photoshop)

Trouble-shooting and testing

- Test every link in your site (preferably on the web or a different computer - non-Mac would be good).
- Be sure that you can read colored text on a colored background.
- Be sure that pictures show up on the site after you put it in your project folder.
- Go through my list of requirements in your test environment

