Announcements

Books are available today!

Reading:
- It's important -- My lectures review reading
- Unannounced quizzes based on reading
- So far, Chapters 2-4 have been assigned
- Reading for Friday -- Chapter 5

Hypertext Markup Language

HTML is the language of Web pages

Web Pages in HTML

American Writers

Steinbeck

First HTML Web Page

This HTML produces this result

```html
<html>
<head>
<title>First</title>
</head>
<body>
  Content
  Web Page
</body>
</html>
```

HTML Structure

All HTML files use the same structure:

```html
<html>
<head>
<title>Name of Page Goes Here</title>
</head>
<body>
Other heading content goes here
</body>
</html>
```

The Source

HTML code producing a page is the source... which can always be viewed
HTML Must Be Text

Word processors (recall Chap. 2) insert formatting tags, confusing browsers

- Create source in WordPad, etc.
- Save in Text or text format
- Save with file extension .html

Avoid Confusion

Illustrate the Process

Illustrate the Process

Illustrate the Process

Add An Image

Images are encoded two ways:

- GIF — Graphics Interchange Format — is for diagrams and simple drawings
- JPEG — Joint Photographic Experts Group — is for high resolution photos, complex art

- The encoding is given in the file extension
- Image tags for placing images

<img src="writers.gif">

- tag attribute name (source) path name to file

Illustrate the Process
File Structure

The path must say how to reach the file
- When the file is in the directory as the web page, just give the file name, ski.jpg
- If the file is in a subdirectory, say how to navigate to it, pix/ski.jpg
- If the file is in a superdirectory, move up using dot-dot notation, ../ski.jpg

The most common reason that an image is not displayed is the path is wrong ... check!

Illustrate

Web pages are written in HTML
- The files must be text
- The file extension must be .html

Tags enclose content like parentheses
- Control look with attributes on tags

Use a change-and-test process
Images have two formats and explicit paths