

Announcements

- **Term paper due Wednesday**
- **Project #4 due Thursday**
- **Exam #2 in 10 days (Monday 11/20)**
- **Reminder: You will not be asked to write code for HTML forms on quizzes or exams**
- **Please bring laptops on Monday**

Labels

- Use the `label` tag to apply a text label to a control
- All labels in the form will look consistent
- The label itself is “clickable”
- You can apply CSS rules to all labels simultaneously

Left side label:

```
<label>Name: <input type="text" /></label>
```

A screenshot of a web form showing the text "Name:" followed by a text input field. The text and input field are aligned to the left.

Right side label:

```
<label><input type="text" />Name</label>
```

A screenshot of a web form showing a text input field followed by the text "Name". The input field and text are aligned to the right.

FieldSet and Legend

Surround portions of your form with “FieldSet” to group them visually:

```
<fieldset>
    <input... />
    <input... />
</fieldset>
```

Use the <legend> tag to give the section a legend at the top

```
<fieldset>
    <legend>User Info</legend>
    <input ... />
    <input ... />
</fieldset>
```

Example: [FieldSet.html](#)

Submitting User Information to a Server

- Frequently user data must be sent to a server for processing
 1. Data from a **form** gets submitted to **“server side program”**
 2. Server program sends back a response page
- Typical Uses:
 - Order information
 - Storing user data in a database
 - Information on server is needed to respond to user input
- We are not covering **“server side”** programming!
 - I have written some very simple server side programs for our examples
 - You can learn this yourself! (Find an introductory book on PHP, JSP, ASP, etc. May also want to explore MySQL.)

Setting up a Form for Submission

1. Add **action** and **method** attributes to your form tag:

```
<form  
  action="http://www.mysite.com/myServerProgram.jsp"  
  method="get">
```

2. Give each control a **name** attribute:

```
<input type="text" name="firstname" />
```

3. Add a **submit** control

```
<input type="submit" value="Submit Info" />
```

Example: [FormSubmissionGet.html](#)

[FormAcceptProgramGet.php](#)

Action: get vs. post

Two ways to submit form data to a server-side program:

1. GET

- Form data becomes part of URL:
http://myhost.com/myscript.jsp?firstname=Fred&lastname=Smith.
- Advantage: URL can be bookmarked
- Disadvantage: Ugly URL with visible form data

2. POST

- Form data is embedded in the HTTP header
- Advantage: Form data is hidden from sight (but still **not secure!**)

Example: [FormSubmissionGet.html](#)

[FormAcceptProgramGet.php](#)

QUIZ #4