

Announcements

- **Term Paper due on Wednesday at the beginning of class**

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**
- **Example: [Click this.](#)**

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