CECS 5420
Table as Layout
Forms and CGI

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Questions

• Assignment 2
• Tables ?
• Questions
Tables

- Use the table to set the style and look of the page.
- Unlike a table to organize data.
- Tables used for a page means that the first statement after the `<body>` is a `<table>` tag
- Page 4.35-4.64 discusses defining a table for web page layout
Table Layouts in Dreamweaver

• Dreamweaver
  – Can hand build it
  – Can use table layout
    • Design View
    • Layout Tab (top)
    • Select Layout (button)
    • Use “Layout Table” first
    • Use “Draw Cells” until all cells are created
Example Cont.

```html
<table width="589" border="0" cellpadding="0" cellspacing="0">
  <!--DWLayoutTable-->
  <tr>
    <td height="84" colspan="2" valign="top">
      <!--DWLayoutEmptyCell-->&nbsp;</td>
  </tr>
  <tr>
    <td width="110" height="522" valign="top">
      <!--DWLayoutEmptyCell-->&nbsp;</td>
    <td width="479">&nbsp;</td>
  </tr>
</table>
```
Forms

- Page 6.1 - 6.61
- Method within HTML to collect data from the user.

- `<form>` tag
  
  `<form name="name" method="post" action="URL">`
  
  `<input name="Submit" type="submit">`
  
  `</form>`
Form Inputs

- Input types (p. 6.09 w/ examples)
  - Button
  - Checkbox (use the same “name” to group)
  - Hidden
  - Password
  - Radio (use the same “name” to group)
  - Reset
  - Submit
  - Text

- Combine these types to create a forms
- Assignment 3 Examples
Assignment 3 Form Example

<form name="myform" method="post" action="http://prime.cecs.unt.edu/cgi-bin/5420email1.cgi">

Enter your Full Name: <input type="text" name="name"><p>

<input name="author" type="hidden" value="YOUR_NAME_HERE">
<input name="authoremail" type="hidden" value="YOUR_EMAIL_ADDRESS_HERE">
<input name="returnpage" type="hidden" value="http://courseweb.tac.unt.edu/gjones/fall2004/cecs5420">

Enter your e-mail address: <input type="text" name="email"><br>
<p>
<input name="Submit" type="submit">

</form>
CGI
(Common gateway Interface)

• Is the program on the server that takes the information from the form and does something with it.
• If you change the action in the examples the URL then it will show you the form information
  – http://prime.cecs.unt.edu/cgi-bin/test.cgi
• Page 6.05 shows the process
Assignment 3

• Reading: Javascript
• Using HTML, create a website. The HTML must contain at least the following items:
  – An "index.html" page
  – A minimum of 5 HTML pages (including the "index.html" page above), but no more than 10 pages total. The web pages need to be interlinked.
  – All pages use tables as the overall lay technique.
  – One forms that talk to one of the following CGIs (as discussed in class)
    • E-mail a request for information to you and the instructor (see below)
    • E-mail a survey form to you and the instructor (see below)
  – Create your own form that talks to the test cgi that displays output from the submission (actiont points to http://prime.cecs.unt.edu/cgi-bin/test.cgi)
    • use checkbox, radio, reset, submit, select (pulldown and scrolling), textarea, and hidden field types
  – It must display acceptably on Netscape 4.x and Internet Explorer 5.0
Midterm Review

• Next Class at UNT
• Cover Materials for the first half
• Midterm (20 points)
  – Section 1 : Acronyms
  – Section 2 : HTML
    • Examples Next Page
  – Section 3 : Short Answer
Section 2 Example

- name of tag (shown in BOLD)
- function of tag (shown in BOLD) [describe what the TAG itself does, not the entire HTML]
- describe what the output of the html as a whole would do and give an example of the formatting where possible. Discuss any additional parameters present and what they do.
  - `<p>`An example question.```html</p>`<p>An example question.</p>`
  - Tag Name: Paragraph
  - Description of Tag: The `<p>` tag signals the start of a paragraph. A browser will insert one character-high line plus some extra vertical space into the document before starting the new paragraph.
  - Description of Output:
    The paragraph is used to break up text. This tag would produce this:
    An example question.

An example question.