

Layout and positioning- notes

How to float an element (p.495 – 496)

2 column Liquid layout with Header and Footer (adjust to the browser size)

Head	
Main <=	Sidebar =>
Footer	

Example Starbuzz coffe:

```
#sidebar {
  background:      #efe5d0 url(images/background.gif) bottom right;
  font-size:      105%;
  padding:        15px;
  margin:         0px 10px 10px 10px;

  width:280px;
  float:right;
}
```

We move the sidebar out of the flow (make it float) and tell it to go right

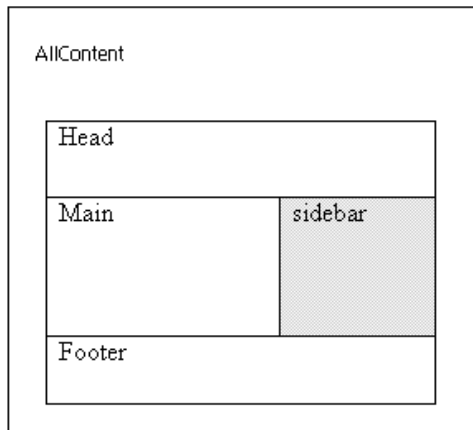
Remember to put the "sidebar" element above the "main" element.

2 column problems and solutions:

- Text in the main section is under the sidebar section.
 - o Solution: margin-right: 300 px; in #main
- The sidebar section is going over the footer.
 - o Solution: clear: right; in #footer

Layout technics

Using a allcontent section (also know as a wrapper)



In Dreamweaver with collabsed div tags

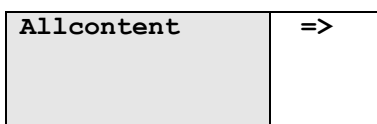
```

19 <body>
20 <div id="allcontent">
21 <div id... <!-- head -->
22 <div id... <!-- sidebar -->
43 <div id... <!-- main -->
89 <div id... <!-- footer -->
95
96 </div><!-- allcontent -->
97 </body>

```

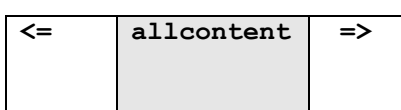
Frozen Layout

```
#allcontent{width:800px; }
```



The Jello Layout (chapter12/starbuzz-work/index.html)

```
#allcontent{width:800px; margin-left: auto; margin-right:auto }
```

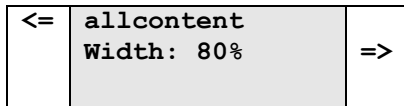


Example: <http://mmd-users.edu.ats.dk/chrchr2/>

The relative Layout (fits to the screen size)

```
#allcontent{width:80%; margin-left: auto; margin-right:auto }
```

#sidebar {float:right; } is required.



Liquid versus Solid Layout		
	Solid Layout	Liquid Layout
Description	Page fits within a set number Of pixels horizontally	Page expands and contracts to fit the visitor's horizontal window dimension
Advantages	Tight control over how the page displays on a visitor's screen	-Uses the entire window -Can eliminate horizontal scrolling at most window sizes -Works (in theory) for all screen sizes.
Disadvantages	<ul style="list-style-type: none"> - Wasted background on larger windows. - Fewer elements can be placed on the page 	<ul style="list-style-type: none"> - Impossible to control exactly how the page looks on a visitor's Screen. - Lines of text can be hard to read if they become too wide. - Almost impossible to make the page look good at all window sizes.

The Absolute Layout (chapter12/starbuzz-work-absolute/index.html)

<http://www.headfirstlabs.com/books/hfhtml/chapter12/starbuzz-work-absolute/>

```
#sidebar {
  position:      absolute;
  top:          128px;
  right:        0px;
  width:        280px;
}

#award {
  position:      absolute;
  top:          30px;
  left:         365px;
  z-index:      99;
}

#coupon {
  position:      fixed;
  top:          300px;
  left:         -90px;
}
```

See also: <http://www.html.net/tutorials/css/lesson15.asp>

Three-columns layout

<http://www.headfirstlabs.com/books/hfhtml/chapter12/threecolumn/>

top		
left	content	right
footer		

Beyond:

<http://www.headfirstlabs.com/books/hfhtml/chapter12/cssdesign.html>

Tables

```
<table>
  <tr>
    <td>Cell 1</td>
    <td>Cell 2</td>
  </tr>
  <tr>
    <td>Cell 3</td>
    <td>Cell 4</td>
  </tr>
</table>
```

Cell 1	Cell 2
Cell 3	Cell 4

http://www.w3schools.com/tags/tag_table.asp

<http://www.headfirstlabs.com/books/hfhtml/chapter13/completedjournal/journal.html>

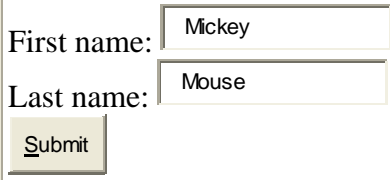
City	Date	Temperature	Altitude	Population	Diner Rating	
Walla Walla, WA	June 15th	75	1,204 ft	29,686	4/5	
Magic City, ID	June 25th	74	5,312 ft	50	3/5	
Bountiful, UT	July 10th	91	4,226 ft	41,173	4/5	
Last Chance, CO	July 23rd	102	4,780 ft	265	3/5	
Truth or Consequences, NM	August 9th	93	4,242 ft	7,289	5/5	
	August 27th	98			<table border="1"> <tr> <td>Tess</td> <td>5/5</td> </tr> <tr> <td>Tony</td> <td>4/5</td> </tr> </table>	Tess
Tess	5/5					
Tony	4/5					
Why, AZ	August 18th	104	860 ft	480	3/5	

The cities I visited on my Segway'n USA travels

Forms

Get Inputs from the user

Example

Source	Output
<pre><form action="form_action.asp" method="get"> First name: <input type="text" name="fname" value="Mickey" />
 Last name: <input type="text" name="lname" value="Mouse" />
 <input type="submit" value="Submit" /> </form> <p> If you click the "Submit" button, you will send your input to a new page called form_action.asp. </p></pre>	 <p>If you click the "Submit" button, you will send your input to a new page called form_action.asp.</p>

Input types:

Text, submit, radio button, check boxes, buttons, option (drop down)

http://www.w3schools.com/html/html_forms.asp

http://www.w3schools.com/tags/tryit.asp?filename=tryhtml_form_checkbox

Styled form:

<http://www.headfirstlabs.com/books/hfhtml/chapter14/starbuzz-work/styledform.html>

Choose your beans:

Type: Whole bean
 Ground

Extras: Gift wrap
 Include catalog with order

Ship to: Name:
Address:
City:
State:
Zip:

Customer Comments: