

**COMSC-030**

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**Web Site Development-  
Part 1**



**Part-Time Instructor: Joenil Mistal**

# Lecture10

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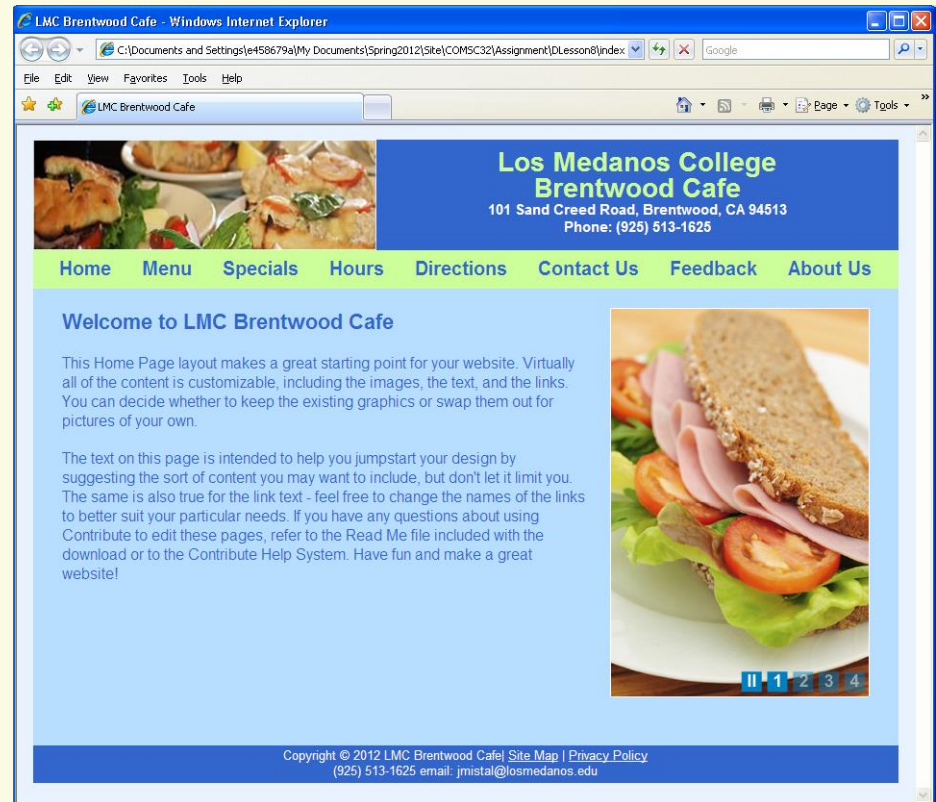
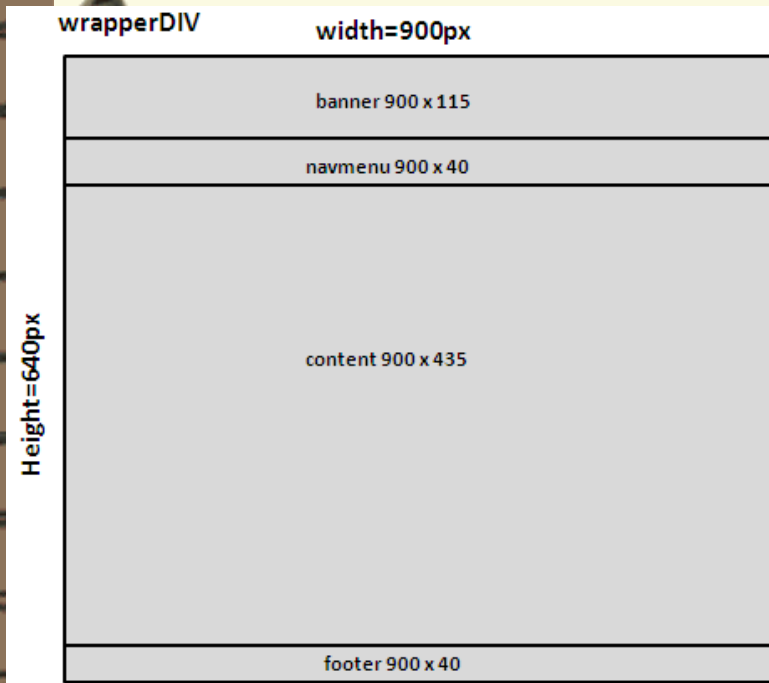
10

## Controlling Page Layout

Want to create complex layouts on your web pages, beyond what is possible using HTML5 alone. This chapter shows you how to precisely position text, images and other elements on your pages using style sheets.

# CSS Page Layout

## One Column Page Layout with the Navigation Menu Across the Top



# One Column Page Layout with Navigation Menu Across the Top

```
<body>
<div id="wrapper">
  <div id="banner">Content for id "banner" Goes Here</div>
  <div id="navmenu">Content for id "navmenu" Goes Here</div>
  <div id="content">Content for id "content" Goes Here</div>
  <div id="footer">Content for id "footer" Goes Here</div>
</div>
</body>
```



```
body {
  font-family: Arial, Helvetica, sans-serif;
  font-size: 16px;
  color: #3366CC;
  background-color: #E8F3FF;
  margin-top: 25px;
}
#wrapper {
  background-color: #B7DDFF;
  height: 630px;
  width: 900px;
  margin-right: auto;
  margin-left: auto;
}
#banner {
  color: #FFF;
  background-color: #3366CC;
  height: 115px;
  width: 900px;
}
#navmenu {
  text-decoration: overline;
  background-color: #CCFF99;
  height: 40px;
  width: 900px;
  color: #274E9C;
}
#content {
  color: #274E9C;
  background-color: #B7DDFF;
  padding: 20px;
  height: 395px;
  width: 860px;
}
#footer {
  font-size: 12px;
  color: #FFF;
  background-color: #3366CC;
  padding: 5px;
  height: 30px;
  width: 890px;
  text-align: center;
}
```



Content for id "banner" Goes Here

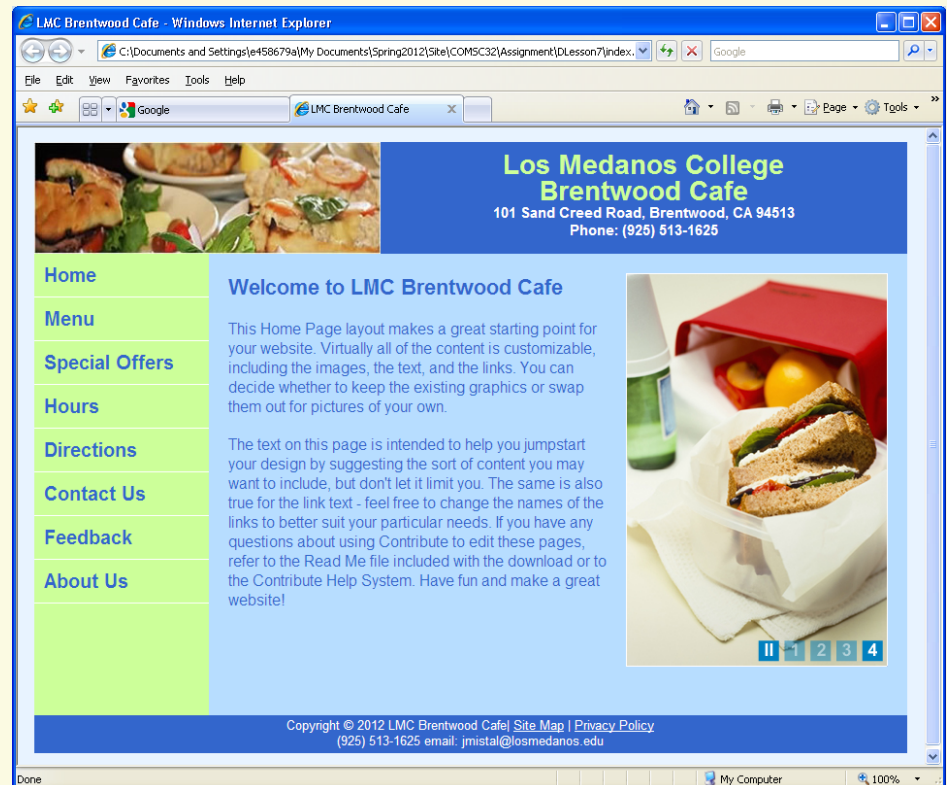
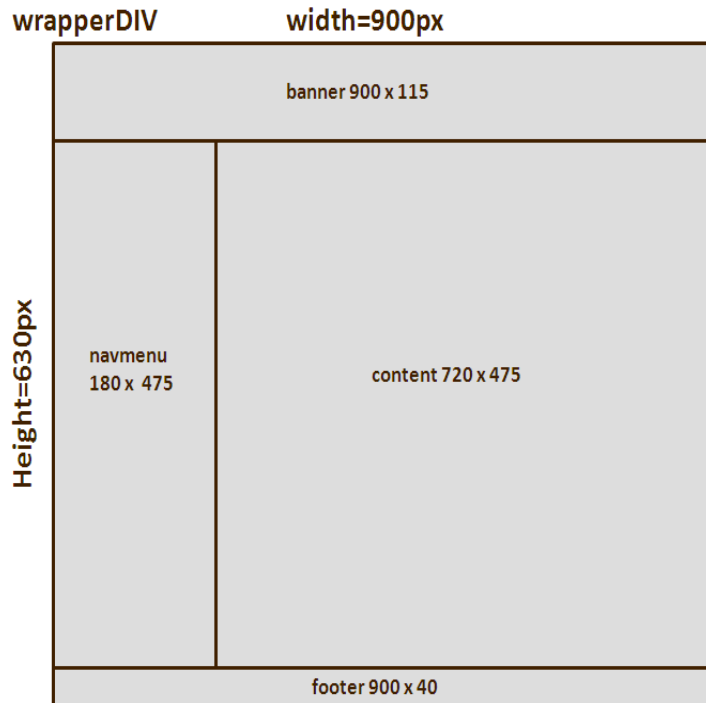
Content for id "navmenu" Goes Here

Content for id "content" Goes Here

Content for id "footer" Goes Here

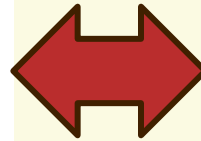
# CSS Page Layout

## Two Columns with Navigation Menu on Left Side of the Page

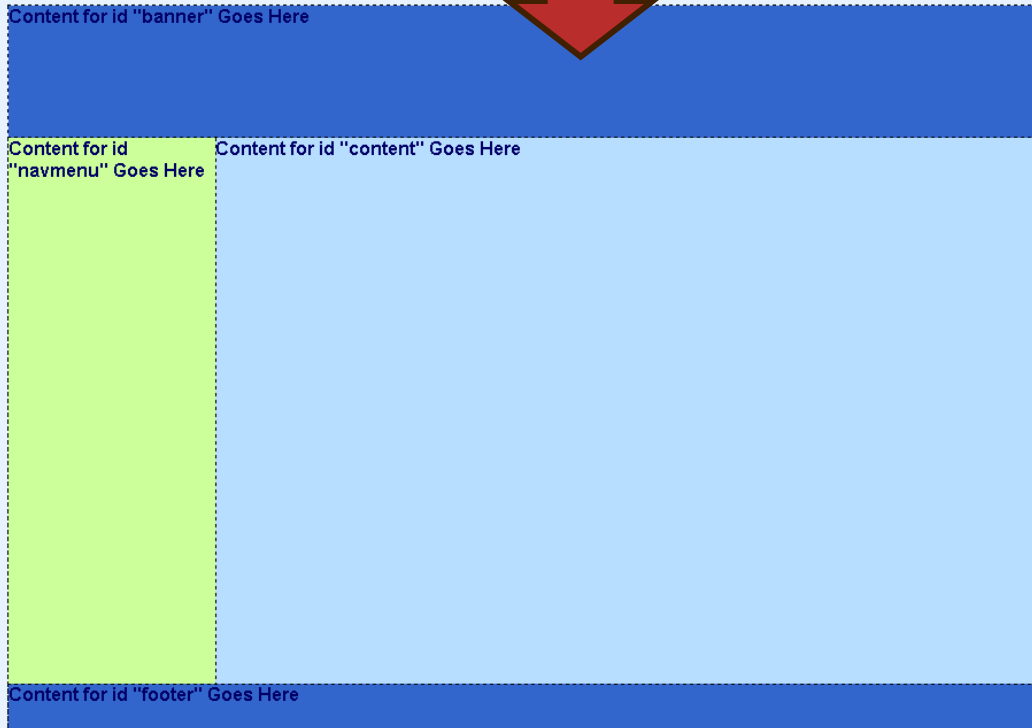


# Two Columns with Navigation Menu on Left Side of the Page

```
<body>
<div id="wrapper">
  <div id="banner">Content for id "banner" Goes Here</div>
  <div id="navmenu">Content for id "navmenu" Goes Here</div>
  <div id="content">Content for id "content" Goes Here</div>
  <div id="footer">Content for id "footer" Goes Here</div>
</div>
</body>
```



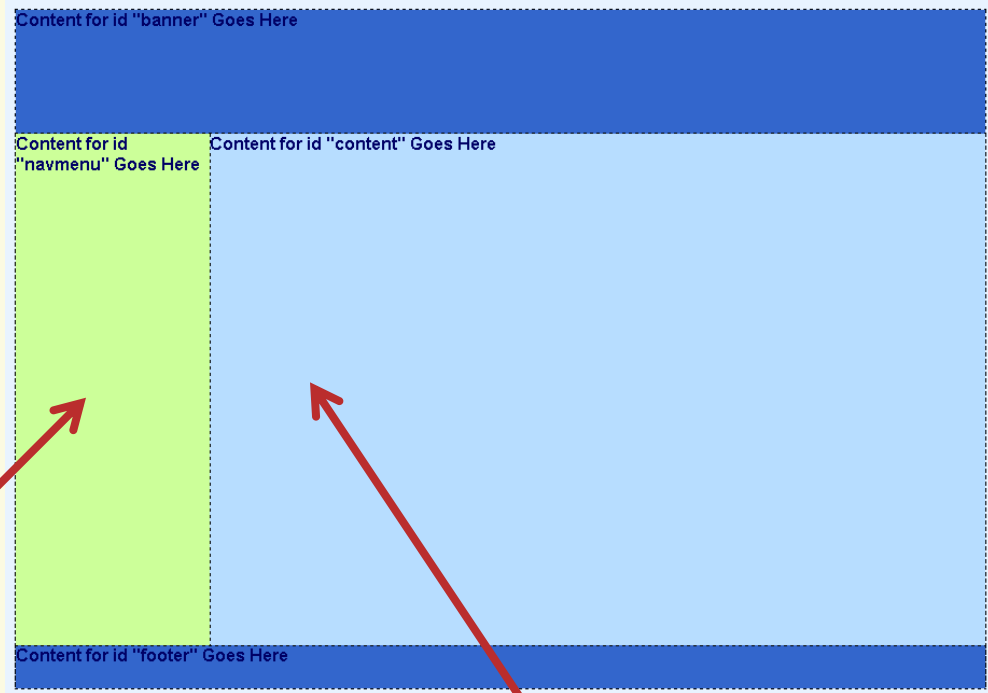
```
body {
  font-family: Arial, Helvetica, sans-serif;
  font-size: 16px;
  color: #3366CC;
  background-color: #E8F3FF;
  margin-top: 25px;
}
#wrapper {
  background-color: #B7DDEFF;
  height: 630px;
  width: 900px;
  margin-right: auto;
  margin-left: auto;
}
#banner {
  color: #FFF;
  background-color: #3366CC;
  height: 115px;
  width: 900px;
}
#navmenu {
  background-color: #CCFF99;
  float: left;
  height: 475px;
  width: 180px;
  color: #274E9C;
}
#content {
  color: #274E9C;
  background-color: #B7DDEFF;
  float: right;
  height: 435px;
  width: 680px;
  padding: 20px;
}
#footer {
  font-size: 12px;
  color: #FFF;
  background-color: #3366CC;
  text-align: center;
  padding: 5px;
  clear: both;
  height: 30px;
  width: 890px;
}
```



# Float Property

## Two Columns with Navigation on Left Side of the Page

Elements that seem to "float" on the right or left side of either the browser window or another element are often configured using the **float property**.



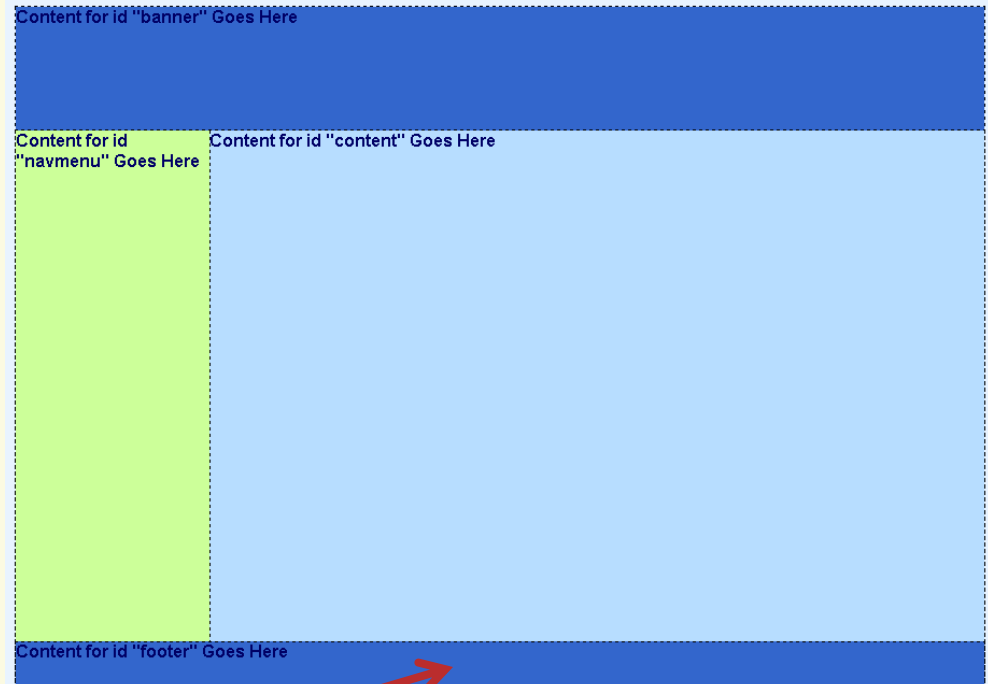
```
.#navmenu {  
  background-color: #CCFF99;  
  float: left;  
  height: 475px;  
  width: 180px;  
}
```

```
#content {  
  background-color: #B7DDFF;  
  float: right;  
  height: 475px;  
  width: 720px;  
}
```

# Clear Property

## Two Columns with Navigation on Left Side of the Page

- Useful to “**clear**” or terminate a float
- Values are left, right, and both

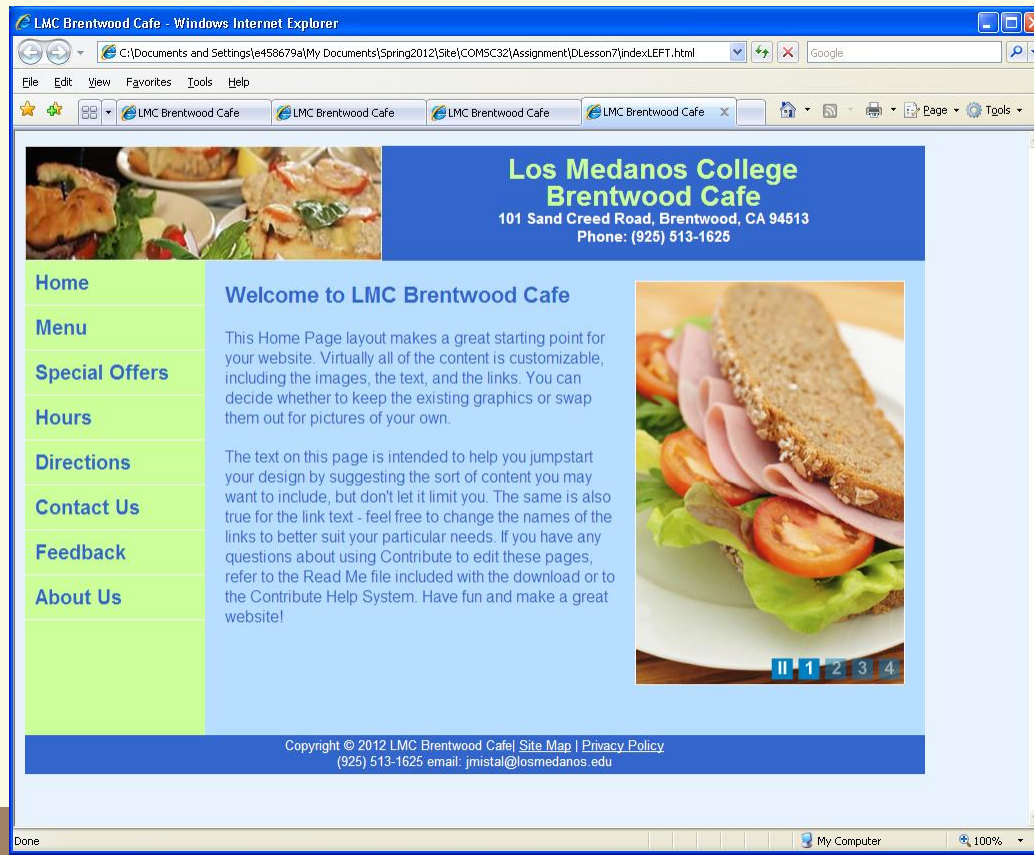


```
#footer {  
    background-color: #3366CC;  
    clear: both;  
    height: 40px;  
    width: 900px;  
}
```

# Page Layout Design Techniques

## ■ Ice Design

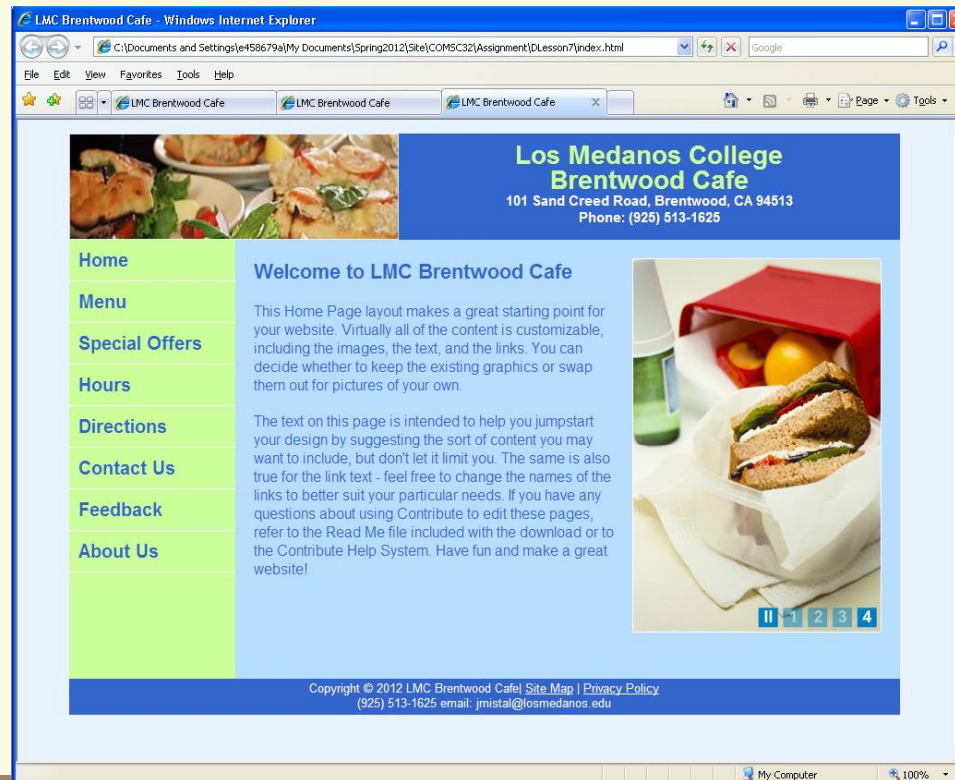
- AKA rigid or fixed design
- Fixed-width, usually at left margin



# Page Layout Design Techniques

## ■ Jello Design

- Page content centered
- Often configured with a fixed or percentage width such as 80%



# Page Layout Design Techniques

- **Liquid Design**
  - Page expands to fill the browser at all resolutions.

