

COMSC-030

**Web Site Development-
Part 1**



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Lecture 11



11

Adding Semantic Tags

Want to efficiently organize the different sections that make up your web pages? You can use the new Semantic tags in HTML5 to define the meaning of these areas.

Define a Header

- The **<header>** tag can be used to define the title of a web page or other introductory information.
- Common content in the headers include site names, company names, logs, banners and slogans

Define a Header

```
<header>
```

```

```

```
</header>
```



**Los Medanos College
Brentwood Cafe**

101 Sand Creed Road, Brentwood, CA 94513
Phone: (925) 513-1625

CSS style rule for <header> tag

```
header {  
    color: #FFF;  
    background-color: #3366CC;  
    height: 115px;  
    width: 900px;  
}
```

Home

Menu

Specials

Hours

Directions

Contact

Feedback

About Us

Welcome to LMC Brentwood Cafe

This Home Page layout makes a great starting point for your website. Virtually all of the content is customizable, including the images, the text, and the links. You can decide whether to keep the existing graphics or swap them out for pictures of your own.

The text on this page is intended to help you jumpstart your design by suggesting the sort of content you may want to include, but don't let it limit you. The same is also true for the link text - feel free to change the names of the links to better suit your particular needs. If you have any questions about using Contribute to edit these pages, refer to the Read Me file included with the download or to the Contribute Help System. Have fun and make a great website!

Please contact (enter your name) for more information about our cafe.



Our Famous Cafe Sandwich

Define a Navigation

- Use `<nav>` tag to define a set of the navigation links to other pages on your site.
- By applying CSS rules to a group of `<nav>` links, you can display in different ways
- Example of navigation menu can be across the top of the page or on left hand side of the page

Define a Navigation

```
<nav>
<ul>
  <li class="selectedmenu">Home</li>
  <li><a href="menu.html">Menu</a></li>
  <li><a href="specials.html">Specials</a></li>
  <li><a href="hours.html">Hours</a></li>
  <li><a href="directions.html">Directions</a></li>
  <li><a href="contact.html">Contact</a></li>
  <li><a href="feedback.html">Feedback</a></li>
  <li><a href="aboutus.html">About Us</a></li>
</ul>
</nav>
```

CSS style rule for <nav> tag

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



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Our Famous Cafe Sandwich

Define a Section

- The **<section>** tag offers a generic way of grouping related information on a web page.
- The content inside the `<section>` tag typically includes a heading that tells what the section is about.
- You might want use the `<section>` tag to define the main content on a page

Define a Section

```
section {  
  background-color: #B7DDFF;  
  float: right;  
  height: 435px;  
  width: 680px;  
  padding: 20px;  
}
```

CSS style rule for <nav> tag

```
<section>
```

```
<h2>Welcome to LMC Brentwood Cafe </h2>
```

```
<aside>
```

```

```

```
<h5>Our Famous Cafe Sandwich </h5>
```

```
</aside>
```

```
<p>This Home Page layout makes a great starting point for your website. Virtually all of the content is customizable, including the images, the text, and the links. You can decide whether to keep the existing graphics or swap them out for pictures of your own. </p>
```

```
<p> The text on this page is intended to help you jumpstart your design by suggesting the sort of content you may want to include, but don't let it limit you. The same is also true for the link text feel free to change the names of the links to better suit your particular needs. If you have any questions about using Contribute to edit these pages, refer to the Read Me file included with the download or to the Contribute Help System. Have fun and make a great website! </p>
```

```
<p><b>Please contact (enter your name) for more information about our cafe.</b></p>
```

```
</section>
```

Define an Aside

- You can mark information on your page as tangential to the main content with the `<aside>` tag.
- The `<aside>` tag is useful in defining a photo, pull quotes and glossary terms.
- You can apply CSS rules to the `<aside>` tag to distinguish the information visually from the main content of the page

Define an Aside

```
<aside>  
    
  <h5>Our Famous Cafe Sandwich </h5>  
</aside>
```

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Please contact (enter your name) for more information about our cafe.

Our Famous Cafe Sandwich

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(925) 513-1625 email: jmistal@losmedanos.edu

CSS style rule for <aside> tag

```
aside {  
  float: right;  
  margin-left: 20px;  
}
```

Define a Footer

- A footer is a place to put copyright information, a contact address, links to terms of service, etc
- It typically goes at the bottom of your page before the closing `</body>` tag.
- You can define the footer using the `<footer>` tag.

Define a Footer



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CSS style rule for <footer> tag

```
footer {  
    font-size: 12px;  
    color: #FFF;  
    background-color: #3366CC;  
    text-align: center;  
    padding: 5px;  
    clear: both;  
    height: 30px;  
    width: 890px;  
}
```

<footer>

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</footer>

Define an Article

- The **<article>** tag is for defining a self-contained composition on a web page.
- Appropriate content for the <article> tag includes newspaper stories, blog posts or user submitted comments.
- You can use CSS rules to style the content within an article tag.