**Organizing Content with Lists**

***Creating an Ordered List***

* To create a list in which elements are numbered or lettered sequentially use the <ol> element
* This type of list is known as an **ordered list** because the order in which the items are listed is important
	+ Each item in an ordered list is created using the <li> element
	+ The <li> elements for the list are *nested* within the opening and closing <ol> tags
		- <ol>

<li>First item</li>

<li>Second item</li>

<li>Third item</li>

 </ol>

* + The default marker for each list item is typically an Arabic numeral (1,2,3,…)
	+ Values for the CSS list-style-type property of the <ol> element:

|  |  |
| --- | --- |
| **VALUE** | **RESULT** |
| decimal | 1. first item
2. second item
 |
| lower-roman | 1. first item
2. second item
 |
| upper-roman | 1. first item
2. second item
 |
| lower-alpha | 1. first item
2. second item
 |
| upper-alpha | 1. first item
2. second item
 |
| none |  First item Second item |

***Creating an Unordered List***

* To create a list in which the order of list items doesn’t matter, use the <ul> element
* This type of list is known as an **unordered list**
	+ You mark list item content with the same <li> element that you use for an ordered list
	+ The <li> elements for the list are *nested* between the opening and closing <ol> tags
		- The default character is a solid circle
		- Values for the CSS list-style-type property of the <ul> element:

|  |  |  |
| --- | --- | --- |
| **PROPERTY** | **DESCRIPTION** | **EXAMPLE** |
| circle | Unfilled circle |  |
| disc | Filled circle (default) |  |
| square | Filled square |  |
| none | No character |  |

***Creating a Description List***

* To create a list that includes items and descriptions, use the <dl> element
* This type of list is known as a **description list**
	+ Each list item is composed of two elements:
		- <dt> marks the term being described
		- <dd> indicates the description
	+ Example:

<dl>

 <dt>Web Design</dt>

 <dd>The web design class uses HTML5 and CSS3 to create and

format web pages.</dd>

 </dl>

* The example above will give you the following results:

Web Design

 The web design class uses HTML5 and CSS3 create and format web pages.

***Creating Nested Lists***

* Sometimes nesting a list within another list is the clearest way to present information. To nest lists in HTML, you simply insert valid code for a list within the content of an <li> element
	+ Example:

<ol>

 <li>Fruits

 <ul>

 <li>Apples</li>

 <li>Oranges</li>

 </ul>

 </li>

 <li>Vegetables

 <ul>

 <li>Carrots</li>

 <li>Broccoli</li>

 </ul>

 </li>

</ol>

* The example above will give the following results:
1. Fruits
* Apples
* Oranges
1. Vegetables
* Carrots
* Broccoli