**HTML Image**

* The  tag is used to insert image in web page.
* It is an empty tag, means it does not have end tag.

**Syntax:**  
<img src="url" alt="some\_text">  
  
**Example:**  
<img src="http://www.careerride.com/images/new/logo.png" width="200" height="100" alt="CareerRide Info" align="left">

#### Example: Image <img> tag

<!DOCTYPE html>   
<html>   
     <head>   
          <title>HTML Image Example</title>   
     </head>   
     <body>   
          <img src="http://www.careerride.com/images/new/logo.png" width="200" height="22" alt="CareerRide Info" align="right">   
     </body>   
</html>

## HTML Links

* HTML links are nothing but the hyperlinks.
* Hyperlinks are used to navigate between web pages by clicking on words, phrases, and images.
* The HTML anchor tag is used to define a hyperlink.

**Syntax:**  
<a href="URL"> Link text </a>  
  
**href:** Specifies the destination address  
**Link text:** Link text is visible part.

#### Example: Hyperlink

<!DOCTYPE html>   
<html>   
     <head>   
          <title>HTML links Example</title>   
     </head>   
     <body>   
          <p>Click following link</p>   
          <a href="http://www.tutorialride.com/">Visit TutorialRide.com</a>   
     </body>   
</html>

**Output:**  
Click following link  
Visit TutorialRide.com

* Hyperlink appears blue in color and underlined.
* When the mouse cursor moves on the hyperlink, its arrow changes the shape to a little hand.

## The target attribute

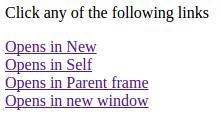
* The target attribute is used to specify the location where linked document is opened.
* Every target name starts with underscore (\_).

**HTML provides 4 basic target options.**

|  |  |
| --- | --- |
| **Option** | **Description** |
| \_top | Opens the linked document in new window breaking all the frames. |
| \_blank | Opens the linked document in new blank window. |
| \_parent | Opens the linked document in the parent frame of the current document. |
| \_self | Opens the linked document in the current frame. |

#### Example: target attribute

<!DOCTYPE html>   
<html>   
     <head>   
          <title>Hyperlink Example</title>   
     </head>   
     <body>   
          <p>Click any of the following links</p>   
          <a href="http://www.tutorialride.com/" target="\_blank">Opens in New</a></br>   
          <a href="http://www.tutorialride.com/" target="\_self">Opens in Self</a></br>   
          <a href="http://www.tutorialride.com/" target="\_parent">Opens in Parent frame</a></br>   
          <a href="http://www.tutorialride.com/" target="\_top">Opens in new window</a>   
     </body>   
</html>

**Output:**  


## HTML links colors

Colors of hyperlink can be set by using the following attributes.

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| link | Used to change the default color of the hyperlink. |
| alink | Used to change the default color of the active hyperlink. |
| vlink | Used to change the default color of the visited hyperlink. |

#### Example:

<!DOCTYPE html>   
<html>   
     <head>   
          <title>Hyperlink Example</title>   
     </head>   
     <body link="#000080" alink="#54A250" vlink="#ff0000">  
          <p>Click on the following link</p>    
          <a href="http://www.tutorialride.com/" target="\_blank">TutorialRide.com</a>   
     </body>   
</html>

**Output:** 

Click on the following link

TutorialRide.com  
  
The color of the active link in this case would be: TutorialRide.com  
And, the color of the link once you have visited it, would be : visited link

## HTML table

 Table is nothing but a two dimensional matrix with a combination of rows and columns.

 The <table> tag is used to define a table.

 Table rows are created by using <tr> tag.

 Table tows are divided into table data by using <td> tag.

 The <th> tag is used to create table column heading or row heading.

## Table border

* The border attribute indicates border thickness of the table.
* The default value of border is 0.

## Background color

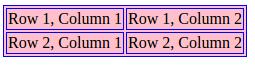
The bgcolor attribute is used to set the background color of a table.

## Table border color

The bordercolor attribute is used to set the border color of a table.

#### Example: Table with background color, border and border color

<!DOCTYPE html>   
<html>   
     <head>   
          <title>HTML Table Example</title>   
     </head>   
     <body>   
          <table border="1" bordercolor="blue" bgcolor="pink">   
               <tr>   
                    <td align="center">Row 1, Column 1</td>   
                    <td align="center">Row 1, Column 2</td>   
               </tr>   
               <tr>   
                    <td align="center">Row 2, Column 1</td>   
                    <td align="center">Row 2, Column 2</td>   
               </tr>   
          </table>   
     </body>   
</html>

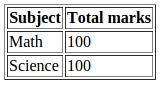
**Output:**  


## Table Heading

* Table heading is the title given to the table row or column or both.
* The <th> tag is used to create table column heading or row heading.

#### Example: Table Heading

<!DOCTYPE html>   
<html>   
     <head>   
          <title>HTML Table Header Example</title>   
     </head>   
     <body>   
          <table border="1">   
               <tr>   
                    <th>Subject</th>   
                    <th>Total marks</th>   
               </tr>   
               <tr>   
                    <td>Math</td>   
                    <td>100</td>   
               </tr>   
               <tr>   
                    <td>Science</td>   
                    <td>100</td>   
               </tr>   
          </table>   
     </body>   
</html>

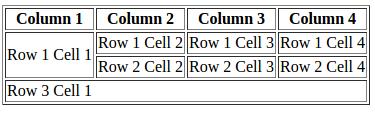
**Output:**  


## Rowspan and Colspan Attribute

**rowspan:** This attribute is used to combine two or more rows into a single cell.  
**colspan:** This attribute is used to combine two or more columns into a single cell.

#### Example: Table rowspan and colspan attributes

<!DOCTYPE html>   
<html>   
     <head>   
          <title>HTML Table Colspan & Rowspan Example</title>   
     </head>   
     <body>   
          <table border="1">   
               <tr>   
                    <th>Column 1</th>   
                    <th>Column 2</th>   
                    <th>Column 3</th>   
                    <th>Column 4</th>   
               </tr>   
               <tr>  
                    <td rowspan="2">Row 1 Cell 1</td>  
                    <td>Row 1 Cell 2</td>  
                    <td>Row 1 Cell 3</td>  
                    <td>Row 1 Cell 4</td>  
               </tr>   
               <tr>  
                    <td>Row 2 Cell 2</td>  
                    <td>Row 2 Cell 3</td>  
                    <td>Row 2 Cell 4</td>  
               </tr>   
               <tr>  
                    <td colspan="4">Row 3 Cell 1</td>  
               </tr>   
          </table>   
     </body>   
</html>

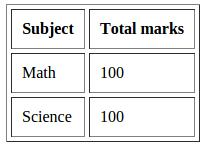
**Output:**  


## Cellspacing and Cellpadding Attributes

**Cell spacing:** Cell spacing specifies the distance between the edges of the table cells.  
**Cell padding:** Cell padding specifies the distance between the edges of the table cells and their content.

#### Example: Table cellspacing and cellpadding attributes

<!DOCTYPE html>   
<html>   
     <head>   
          <title>HTML Table Cellspacing & Cellpadding Example</title>   
     </head>   
     <body>   
          <table border="1" cellpadding="10" cellspacing="4">   
               <tr>   
                    <th>Subject</th>   
                    <th>Total marks</th>   
               </tr>   
               <tr>   
                    <td>Math</td>   
                    <td>100</td>   
               </tr>   
               <tr>   
                    <td>Science</td>   
                    <td>100</td>   
               </tr>   
          </table>   
     </body>   
</html>

**Output:**  


## Width and Height Attributes

* Width and height attributes are used to set table width and height.
* Values are given in pixels.

## Table Caption

* The <caption> tag is used to give heading to the whole table.
* This tag is always placed after <table> and before first <tr> tag.

#### Example: Table width, hight and caption

<!DOCTYPE html>   
<html>   
     <head>   
          <title>HTML Table width, hight and caption Example</title>   
     </head>   
     <body>   
          <table border="1" width="300" height="100">   
               <caption>Employee Details</caption>   
               <tr>   
                    <th>Name</th>   
                    <th>Salary</th>   
               </tr>   
               <tr>   
                    <td>Varun Rathi</td>   
                    <td>7000</td>   
               </tr>   
               <tr>   
                    <td>Nitesh Singh</td>   
                    <td>8000</td>   
               </tr>   
          </table>   
     </body>   
</html>

**Output:**  
