

Intro to Web Design

Class 4

HTML TABLE

Tables are represented by `<table>` tag

They have rows `<tr>` and columns `<td>`

Data is in the `<td>` tag

Every rows should have same number of columns

There is a header row which is `<th>`

This is how a table looks like

```
<table>
  <tr>
    <td>Column 1</td>
    <td>Column 2</td>
  </tr>
  <tr>
    <td>Data 1</td>
    <td>Data 2</td>
  </tr>
</table>
```

Let's try it out on sublime or www.jsfiddle.net

```
<html>
<head>
<title>MY PAGE</title>
</head>
<body>
<h1 id="123" title="header 1">THIS IS TABLE TUTORIAL</h1>
<table>
<tr>
<th> This is header column 1 </th>
<th> This is header column 2 </th>
</tr>
<tr>
<td>This is the data in first row and first column</td>
<td>This is the data in first row and second column</td>
</tr>
</table>
</body>
</html>
```

HTML HYPERLINKS

Hyperlinks are clickable objects to jump to somewhere else

HTML Hyperlinks are defined as Name Here

href stands for HYPERLINK REFERENCE. This is where you want your user to go to.

url is the actual url of the resource.

<a href="<http://www.webapptics.com>" />WebApptics

```

<html>
<head>
<title>MY PAGE</title>
</head>
<body>
<h1 >THIS IS HEADER</h1>
<table border="1" align="center" cellpadding="1" cellspacing="1" >
<tr>
<th>Website Name</th>
<th>Link</th>
</tr>
<tr>
<td align="center">Google</td>
<td><a href="http://www.google.com" target="_blank" >Google Link</a></td>
</tr>
<tr>
<td>WebApptics</td>
<td><a href="http://www.webapptics.com" target="_blank">WebApptics Link</a></td>
</tr>
<tr>
<td>Bing</td>
<td><a href="http://www.bing.com" target="_blank">Bing Link</a></td>
</tr>
<tr>
<td >

</td>
<td></td>
</tr>
</table>
</body>
</html>

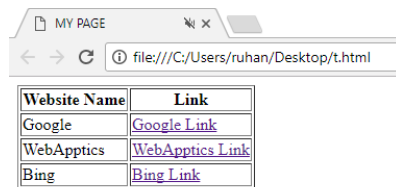
```

Hyperlinks continued

- By default hyperlinks opens the new page inside the same page
- To open a new page in a new window/tab you will have to use the attribute call “target”
-
- This will open the GOOGLE page in the new Tab/Window

Table border

- border attribute gives the border to the table
- It's mostly used for the exterior border of the table
- `<table border="1">` will give following result

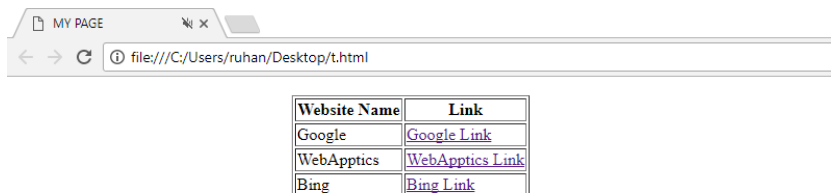


A screenshot of a web browser window titled 'MY PAGE'. The address bar shows the file path 'file:///C:/Users/ruhan/Desktop/t.html'. The browser displays a table with two columns: 'Website Name' and 'Link'. The table has a visible border around its entire structure.

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

Tables alignment

- `<table align="center">`
- This will align the table to the center of the page
- It will not align the text inside each cells to the center of the cell



A screenshot of a web browser window titled 'MY PAGE'. The address bar shows the file path 'file:///C:/Users/ruhan/Desktop/t.html'. The browser displays a table with two columns: 'Website Name' and 'Link'. The table is centered horizontally on the page, but the text within the cells is left-aligned.

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

Table alignment continued....

- To align the text inside each cell in the table you can use align="center" inside the td tag
- <td align="center">

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

Table cellpadding

- Cellpadding attribute is use to add padding to the table.
- It adds space between the text inside the cell and the border. So the cell becomes bigger.
- cellpadding=15 will give below result for our previous table

Before Cellpadding

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

After Cellpadding

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

Table cellpadding

- Cellspacing attribute of the table sets the space between cells
- Cellspacing="15" will give below result

Before Cellspacing

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

After Cellspacing

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

Cellpadding vs Cellspacing

CELLPADDING=15

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

CELLSPACING=15

Website Name	Link
Google	Google Link
WebApptics	WebApptics Link
Bing	Bing Link

```
<table border="1" align="center" cellpadding="1" cellspacing="1" >
<tr>
<th>Website Name</th>
<th>Link</th>
</tr>
<tr>
<td align="center">Google</td>
<td><a href="http://www.google.com" target="_blank" >Google Link</a></td>
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<td>WebApptics</td>
<td><a href="http://www.webapptics.com" target="_blank">WebApptics Link</a></td>
</tr>
<tr>
<td>Bing</td>
<td><a href="http://www.bing.com" target="_blank">Bing Link</a></td>
</tr>
<tr>
<td >

</td>
<td></td>
</tr>
</table>
```