

talent sprint

WEB :: HTML

TalentSprint

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HTML Basics

The content in this presentation is aimed at teaching learners to:

- Create hyperlinks that navigate to different WebPages
- Display data in a structured format using HTML tables

Hyper Links

Use anchor tag `<a>` to create a link.

`Text to be displayed`

- The href attribute is used to indicate the page we are linking to.
- The target attribute defines where the linked document will be opened.
- `_blank`, `_parent`, `_self`, `_top`, `frame_name` can be the values of the target attribute.

`Text to be displayed`

Hyper Links

``

Google Pages ``

Tables

SNO	Name	Age	Gender	Food Preference	Berth Preference	Senior Citizen	Select to Delete
1	<input type="text"/>	<input type="text"/>	Male <input type="button" value="v"/>	Veg <input type="button" value="v"/>	Lower <input type="button" value="v"/>	<input type="checkbox"/>	<input type="checkbox"/>

- An HTML table is an element comprised of rows and columns
- Tables are container elements, and their sole purpose is to house other HTML elements and arrange them in a tabular fashion – row by row, column by column

Tables

`<table>` tag defines the table

`<tr>` tag divides the table into rows

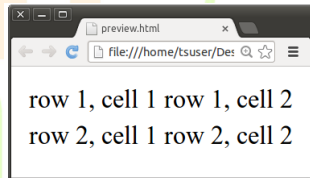
`<td>` tag divides the rows into cells

A data cell can contain text, images, lists, paragraphs, forms, horizontal rules, tables, etc.

Tables

A Simple Table

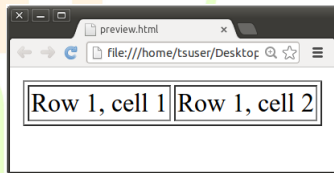
```
<table>
  <tr>
    <td>row 1, cell 1</td>
    <td>row 1, cell 2</td>
  </tr>
  <tr>
    <td>row 2, cell 1</td>
    <td>row 2, cell 2</td>
  </tr>
</table>
```



Tables

Table with Border Attribute

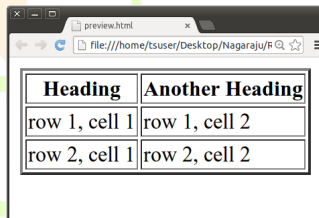
```
<table border = "1">  
  <tr>  
    <td>Row 1, cell 1</td>  
    <td>Row 1, cell 2</td>  
  </tr>  
</table>
```



Tables

Table with Heading

```
<table border = "2">
  <tr>
    <th>Heading</th>
    <th>Another Heading</th>
  </tr>
  <tr>
    <td>row 1, cell 1</td>
    <td>row 1, cell 2</td>
  </tr>
  <tr>
    <td>row 2, cell 1</td>
    <td>row 2, cell 2</td>
  </tr>
</table>
```



A screenshot of a web browser window displaying a table. The browser's address bar shows the file path: file:///home/tsuser/Desktop/Nagaraju/F. The table has two columns and three rows. The first row contains the headers 'Heading' and 'Another Heading'. The second row contains 'row 1, cell 1' and 'row 1, cell 2'. The third row contains 'row 2, cell 1' and 'row 2, cell 2'.

Heading	Another Heading
row 1, cell 1	row 1, cell 2
row 2, cell 1	row 2, cell 2

Tables

Cell Padding specifies the space between the cell wall and the cell content in pixels.

```
<table border = "5" cellpadding = "10">
```

```
<tr>
```

```
<td>1</td>
```

```
<td>2</td>
```

```
</tr>
```

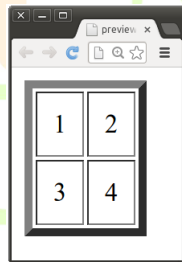
```
<tr>
```

```
<td>3</td>
```

```
<td>4</td>
```

```
</tr>
```

```
</table>
```



Tables

Cell Spacing Specifies the space between cells in pixels.

```
<table border = "5" cellspacing = "10">
```

```
<tr>
```

```
<td>1</td>
```

```
<td>2</td>
```

```
</tr>
```

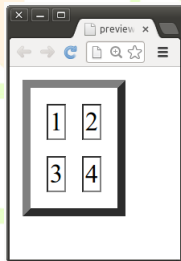
```
<tr>
```

```
<td>3</td>
```

```
<td>4</td>
```

```
</tr>
```

```
</table>
```



Tables

Table width

- The width attribute can be used to define the width of a table
- It is defined as a fixed width in pixels irrespective of window size
- A relative table width is specified as a percentage of the width of the viewing window.

Example

<table width = "550px">...</table> Or

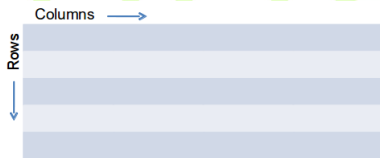
<table width = "80%">...</table>

Tables

Colspan and Rowspan

Table cells can span across more than one column or row

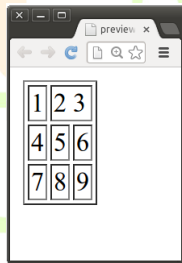
- **COLSPAN** defines number of columns across
- **ROWSPAN** defines number of rows down



Tables

Colspan Example

```
<table border = "1">  
  <tr>  
    <td>1</td>  
    <td colspan = "2">2 3</td>  
  </tr>  
  <tr>  
    <td>4</td>  
    <td>5</td>  
    <td>6</td>  
  </tr>  
  <tr>  
    <td>7</td>  
    <td>8</td>  
    <td>9</td>  
  </tr>  
</table>
```

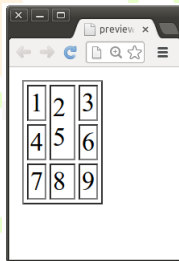


1	2	3
4	5	6
7	8	9

Tables

Rowspan example

```
<table border = "1">  
  <tr>  
    <td>1</td>  
    <td rowspan = "2">2 5</td>  
    <td>3</td>  
  </tr>  
  <tr>  
    <td>4</td>  
    <td>6</td>  
  </tr>  
  <tr>  
    <td>7</td>  
    <td>8</td>  
    <td>9</td>  
  </tr>  
</table>
```



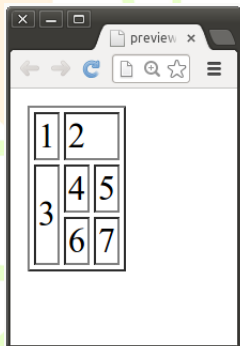
A screenshot of a web browser window titled 'preview'. The browser shows a 3x3 table with a border. The first row contains the numbers 1, 2, and 3. The second row contains 4, 5, and 6. The third row contains 7, 8, and 9. The number 2 in the first row is visually connected to the number 5 in the second row, illustrating the rowspan attribute.

1	2	3
4	5	6
7	8	9

Tables

Rowspan and Colspan Example

```
<table border = "1">  
  <tr>  
    <td>1</td>  
    <td colspan = "2">2</td>  
  </tr>  
  <tr>  
    <td rowspan = "2">3</td>  
    <td>4</td>  
    <td>5</td>  
  </tr>  
  <tr>  
    <td>6</td>  
    <td>7</td>  
  </tr>  
</table>
```



A screenshot of a web browser window titled 'preview'. The browser shows a table with the following structure:

1	2	
3	4	5
	6	7

HTML Basics

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