

HTML Chapter 3

Tables



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Basic Structure Of Table

This is the main tag used to define the start and end of the table. Everything related to the table structure and content should be placed inside this tag.

→ **<table>**

It stands for "table row" and it is used to group together a set of cells that belong together in the same row

→ **<tr>**

Th tag is used define a header cell in the table

→ **<th>**

Td tag is used define a standard data cell in the table

→ **<td>**



Basic Structure Of Table

`<thead>` stands for "table header" and defines the heading row(s) of the table. This element typically contains column labels or titles that summarize the information in each column.

→ `<thead>`

`<tbody>` stands for "table body" and encompasses the main content of the table, excluding the header and footer. This element contains the actual data rows, including data cells (`<td>`) for each entry.

→ `<tbody>`

`<tfoot>` stands for "table footer" and defines the footer row(s) of the table. This element is typically used for displaying summary information, additional notes, or legends relevant to the entire table.

→ `<tfoot>`



Table – Sample code

```
<table>  
  <tr>  
    <th>Company</th>  
    <th>Position</th>  
  </tr>  
  <tr>  
    <td>TCS</td>  
    <td>java developer</td>  
  </tr>  
  <tr>  
    <td>Microsoft</td>  
    <td>dotnet developer</td>  
  </tr>  
</table>
```

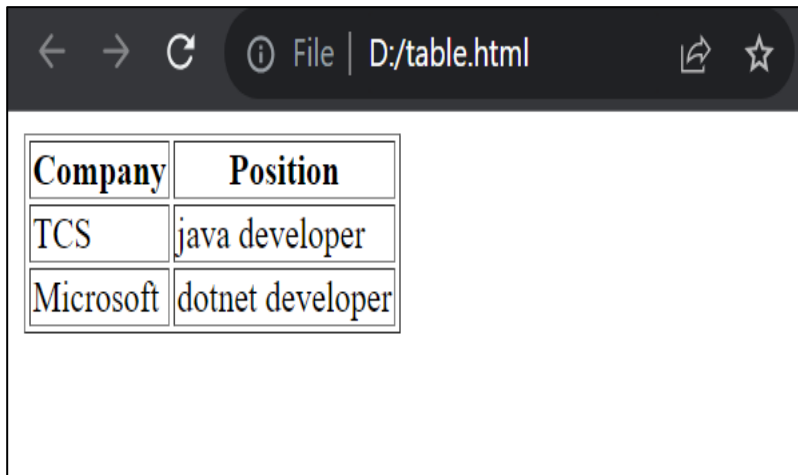


Company	Position
TCS	java developer
Microsoft	dotnet developer

Main Attributes

Border

This attribute is used to specify the width of the border around the table.



A screenshot of a web browser window displaying a table. The browser's address bar shows the file path 'D:/table.html'. The table has two columns: 'Company' and 'Position'. The first row contains 'TCS' and 'java developer'. The second row contains 'Microsoft' and 'dotnet developer'. The table is rendered with a visible border.

Company	Position
TCS	java developer
Microsoft	dotnet developer

table.html X

```
<body>
  <table border="1">
    <tr>
      <th>Company</th>
      <th>Position</th>
    </tr>
    <tr>
      <td>TCS</td>
      <td>java developer</td>
    </tr>
    <tr>
      <td>Microsoft</td>
      <td>dotnet developer</td>
    </tr>
  </table>
</body>
```



Main Attributes

Rowspan

This attribute is used to specify the number of rows that a cell should span



Company	Position
TCS	java developer
Microsoft	java developer

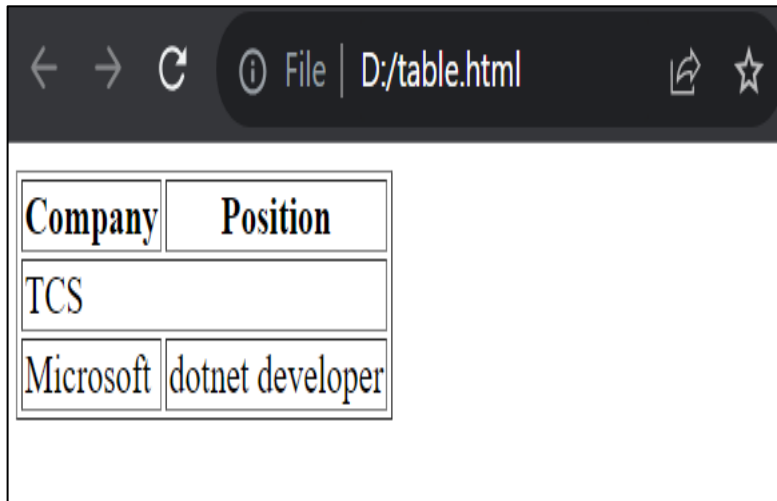
```
<table.html X>
<body>
  <table border="1">
    <tr>
      <th>Company</th>
      <th>Position</th>
    </tr>
    <tr>
      <td rowspan="2">TCS</td>
      <td>java developer</td>
    </tr>
    <tr>
      <td>Microsoft</td>
    </tr>
  </table>
</body>
```



Main Attributes

Colspan

This attribute is used to specify the number of columns that a cell should span



Company	Position
TCS	
Microsoft	dotnet developer

<> table.html X

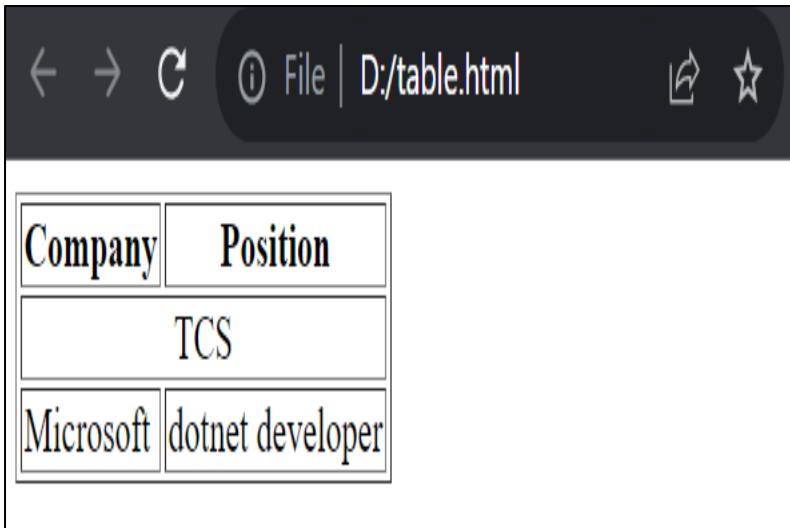
```
<body>
  <table border="1">
    <tr>
      <th>Company</th>
      <th>Position</th>
    </tr>
    <tr>
      <td colspan="2">TCS</td>
    </tr>
    <tr>
      <td>Microsoft</td>
      <td>dotnet developer</td>
    </tr>
  </table>
</body>
```



Main Attributes

Align

This attribute is used to align content horizontally within a table. It can be set to values like "left," "center," or "right."



Company	Position
TCS	
Microsoft	dotnet developer

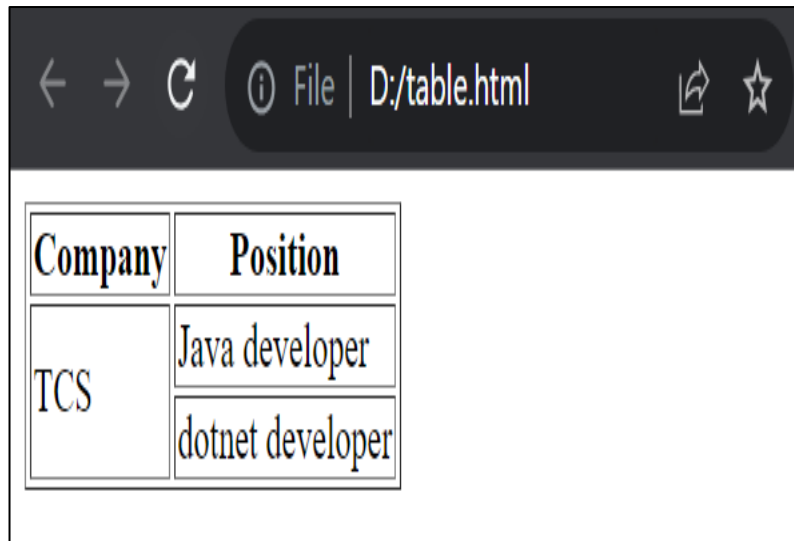
```
<> table.html X
<body>
  <table border="1">
    <tbody>
      <tr>
        <th>Company</th>
        <th>Position</th>
      </tr>
      <tr>
        <td colspan="2" align="center">TCS</td>
      </tr>
      <tr>
        <td>Microsoft</td>
        <td>dotnet developer</td>
      </tr>
    </tbody>
  </table>
</body>
```



Main Attributes

Valign

This attribute is used to align content vertically within a table. It can be set to values like "top," "center," or "bottom".



Company	Position
TCS	Java developer
TCS	dotnet developer

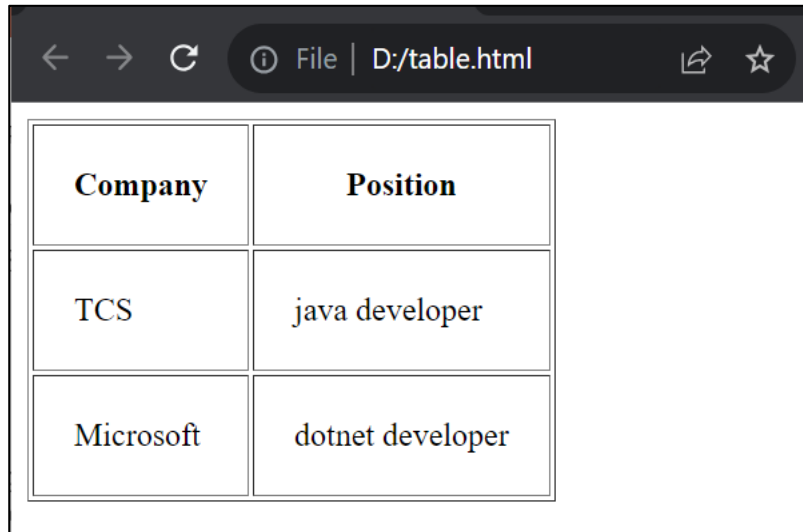
```
<> table.html X
<body>
  <table border="1">
    <tbody>
      <tr>
        <th>Company</th>
        <th>Position</th>
      </tr>
      <tr>
        <td rowspan="2" valign="center">TCS</td>
        <td>java developer</td>
      </tr>
      <tr>
        <td>Microsoft</td>
      </tr>
    </tbody>
  </table>
</body>
```



Main Attributes

Cellpadding

The cellpadding attribute controls the space between the content of a cell and the cell border.



A screenshot of a web browser window displaying a table. The browser's address bar shows the file path 'D:/table.html'. The table has two columns: 'Company' and 'Position'. The first row contains 'TCS' and 'java developer'. The second row contains 'Microsoft' and 'dotnet developer'. The cellpadding attribute is visible in the HTML code, creating a gap between the text and the cell borders.

Company	Position
TCS	java developer
Microsoft	dotnet developer

table.html X

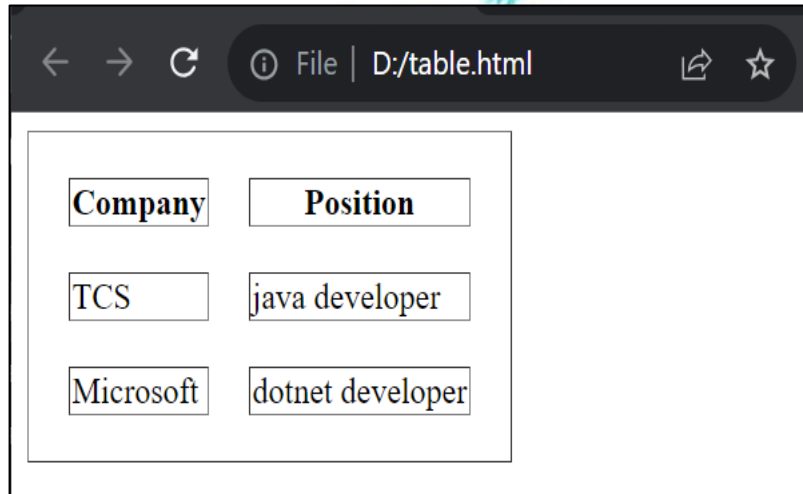
```
<body>
  <table border="1" cellpadding=20>
    <tbody>
      <tr>
        <th>Company</th>
        <th>Position</th>
      </tr>
      <tr>
        <td>TCS</td>
        <td>java developer</td>
      </tr>
      <tr>
        <td>Microsoft</td>
        <td>dotnet developer</td>
      </tr>
    </tbody>
  </table>
```



Main Attributes

Cellspacing

This attribute controls the space between cells in a table. It defines the gap or padding between adjacent cells of the table.



Company	Position
TCS	java developer
Microsoft	dotnet developer

```
<table.html X>

<body>
  <table border="1" cellspacing="20">
    <tr>
      <th>Company</th>
      <th>Position</th>
    </tr>
    <tr>
      <td>TCS</td>
      <td>java developer</td>
    </tr>
    <tr>
      <td>Microsoft</td>
      <td>dotnet developer</td>
    </tr>
  </table>
</body>
```



What We Discussed ?



Questions?

