Align Table Headers

By default, table headers are bold and centred.

First name	Lastname	Age
Jill	Smith	50
Eve	Jackson	94

1.To left-align the table headers, use the CSS text-align property.

Input:

<!DOCTYPE html**>**

<html>

<head>

<style>

table, th, td {

  border: 1px solid black**;**

  border-collapse: collapse;

}

th {

  text-align: left;

}

</style>

</head>

```html
<body>
<h2>Left-align Headers. </h2>
<p>To left-align the table headers, use the CSS text-align property. </p>

<table style="width:100%">
  <tr>
    <th>First name</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
</table>
```

</body>

</html>

<u>**Output:**</u>

Left-align Headers.

To left-align the table headers, use the CSS text-align property.

First name	Lastname	Age
Jill	Smith	50
Eve	Jackson	94

<u>Header for Multiple Columns</u>

2.You can have a header that spans over two or more columns.

Name		Age
Jill	Smith	50
Eve	Jackson	94

To do this, use the **colspan** attribute on the **<th>** element.

Input:

```html
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td {
  border: 1px solid black;
  border-collapse: collapse;
}
</style>
</head>
<body>
<h2>A header that spans two columns</h2>
<p>Use the colspan attribute to have a header span over multiple columns. </p>

<table style="width:100%">
  <tr>
    <th colspan="2">Name</th>
    <th>Age</th>
  </tr>
```

```
<tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
 </tr>
 <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
 </tr>
</table>
</body>
</html>
```

Output:

A header that spans two columns

Use the colspan attribute to have a header span over multiple columns.

Name		Age
Jill	Smith	50
Eve	Jackson	94

HTML Table - Row span

1.To make a cell span over multiple rows, use the rowspan attribute.

Input:

<!DOCTYPE html**>**

<html>

<head>

<style>

table, th, td {

  border: 1px solid black**;**

  border-collapse: collapse**;**

}

</style>

</head>

<body>

<h2>Cell that spans two rows**</h2>**

<p>To make a cell span more than one row, use the rowspan attribute. **</p>**

```html
<table style="width:100%">
 <tr>
   <th>Name</th>
   <td>Jill</td>
 </tr>
 <tr>
   <th rowspan="2">Phone</th>
   <td>555-1234</td>
 </tr>
 <tr>
   <td>555-8745</td>
 </tr>
</table>
</body>
</html>
```

Output:

Cell that spans two rows

To make a cell span more than one row, use the rowspan attribute.

Name	Jill
Phone	555-1234
	555-8745

Table Caption

1. You can add a caption that serves as a heading for the entire table.

Monthly savings

Month	Savings
January	100
February	50

To add a caption to a table, use the **<caption>** tag

Input:

```
<!DOCTYPE html>

<html>

<head>

<style>

table, th, td {

  border: 1px solid black;

  border-collapse: collapse;

}

th, td {

  padding: 5px;

  text-align: left;

}
```

```html
</style>
</head>
<body>
<h2>Table Caption</h2>
<p>To add a caption to a table, use the caption tag. </p>
<table style="width:100%">
  <caption>Monthly savings</caption>
  <tr>
    <th>Month</th>
    <th>Savings</th>
  </tr>
  <tr>
    <td>January</td>
    <td>100</td>
  </tr>
  <tr>
    <td>February</td>
    <td>50</td>
  </tr>
```
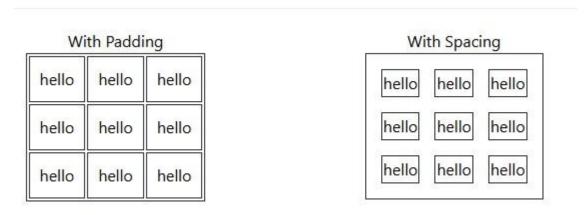
</table>

</body>

</html>

Output:

Table Caption

To add a caption to a table, use the caption tag.

<div align="center">Monthly savings</div>

Month	Savings
January	100
February	50

Note: The **<caption>** tag should be inserted immediately after the **<table>** tag.

HTML Table Padding & Spacing

HTML tables can adjust the padding inside the cells, and also the space between the cells.

HTML Table - Cell Padding

1.Cell padding is the space between the cell edges and the cell content. By default, the padding is set to **0**. To add padding on table cells, use the CSS **padding** property.

Input:

<!DOCTYPE html>

<html>

<head>

<style>

table, th, td {

  border: 1px solid black**;**

  border-collapse: collapse**;**

```
}
th, td {
  padding: 15px;
}
</style>
</head>
<body>
```

<h2>Cellpadding**</h2>**

<p>Cell padding specifies the space between the cell content and its borders**. </p>**

```
<table style="width:100%">
  <tr>
    <th>First name</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>

  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
```

```
    </tr>
    <tr>
      <td>Eve</td>
      <td>Jackson</td>
      <td>94</td>
    </tr>


    <tr>
      <td>John</td>
      <td>Doe</td>
      <td>80</td>
    </tr>
  </table>
  <p><strong>Tip:</strong> Try to change the padding to 5px. </p>
</body>
</html>
```

Output:

Cell padding

Cell padding specifies the space between the cell content and its borders.

First name	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80

Tip: Try to change the padding to 5px.

Note: To add **padding** only above the content, use the **padding-top** property. Add padding to the other sides with the **padding-bottom, padding-left, and padding-right** properties.

Example:

```
th, td {
  padding-top: 10px;
  padding-bottom: 20px;
  padding-left: 30px;
  padding-right: 40px;
}
```

HTML Table - Cell Spacing

Cell spacing is the space between each cell. By default, the space is set to 2 pixels. To change the space between table cells, use the CSS border-spacing property on the table element.

Input:

```
<!DOCTYPE html>

<html>

<head>

<style>

table, th, td {

  border: 1px solid black;

}

table {

  border-spacing: 30px;

}

</style>

</head>

<body>

<h2>Cell spacing</h2>
```

\<p\>Change the space between the cells with the border-spacing property. **\</p\>**

\<table style="width:100%**"\>**

 \<tr\>

 \<th\>First name**\</th\>**

 \<th\>Lastname**\</th\>**

 \<th\>Age**\</th\>**

 \</tr\>

\<tr\>

 \<td\>Jill**\</td\>**

 \<td\>Smith**\</td\>**

 \<td\>50**\</td\>**

 \</tr\>

\<tr\>

 \<td\>Eve**\</td\>**

 \<td\>Jackson**\</td\>**

 \<td\>94**\</td\>**

 \</tr\>

</table>

</body>

</html>

Output:

Cell spacing

Change the space between the cells with the border-spacing property.

Firstname	Lastname	Age
Jill	Smith	50
Eve	Jackson	94