# CSS Tables

**AWS**

# Table of Contents

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# 1 Border Property

# Border Property

| Border Property | • The border property is used to specify table border. |

```html
<body>
    <h2>Course Program</h2>
    <table>
        <tr>
            <th>Day</th>
            <th>Lesson</th>
        </tr>
        <tr>
            <td>Monday</td>
            <td>Java</td>
        </tr>
        <tr>
            <td>Tuesday</td>
            <td>HTML</td>
        </tr>
        <tr>
            <td>Wednesday</td>
            <td>CSS</td>
        </tr>
    </table>
</body>
```

```css
table, th, td {border: 1px solid blue;}
```

**Course Program**

| Day | Lesson |
|-----|--------|
| Monday | Java |
| Tuesday | HTML |
| Wednesday | CSS |

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**2** border-collapse Property

# border-collapse Property

**border-collapse Property**

- The border-collapse property sets the table borders collapsed into a single border:

```
HTML                                                    ▼
3 •    <body>
4 •       <h2>Course Program</h2>
5 •       <table>
6 •          <tr>
7 •             <th>Day</th>
8 •             <th>Lesson</th>
9 •          </tr>
10 •         <tr>
11 •            <td>Monday</td>
12 •            <td>Java</td>
13 •         </tr>
14 •         <tr>
15 •            <td>Tuesday</td>
16 •            <td>HTML</td>
17 •         </tr>
18 •         <tr>
19 •            <td>Wednesday</td>
20 •            <td>CSS</td>
21 •         </tr>
22 •      </table>
23 •   </body>
```

**Course Program**

| Day | Lesson |
| --- | --- |
| Monday | Java |
| Tuesday | HTML |
| Wednesday | CSS |

```
CSS                                                     ▼
1  table, th, td {border: 1px solid blue;}
2  table {border-collapse: collapse;}
```

**3** Table Width and Height

# Table Width and Height

| Table Width and Height | • The width and height property are used to specify the width and height of table. |
|---|---|

```html
<body>
    <h2>Course Program</h2>
    <table>
        <tr>
            <th>Day</th>
            <th>Lesson</th>
        </tr>
        <tr>
            <td>Monday</td>
            <td>Java</td>
```

```css
table, th, td {border: 1px solid blue;}
table {border-collapse: collapse;}
table {width: 100%;}
th {height: 50px;
}
```

## Course Program

| Day | Lesson |
|---|---|
| Monday | Java |
| Tuesday | HTML |
| Wednesday | CSS |

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# 4 Horizontal Alignment

# Horizontal Alignment

**Horizontal Alignment**

- By default, the content of <th> elements are center-aligned and the content of <td>elements are left-aligned.

```
⚙ HTML                                    ∨
3      <body>
4         <h2>Course Program</h2>
5         <table>
6            <tr>
7               <th>Day</th>
8               <th>Lesson</th>
9            </tr>
10           <tr>
11              <td>Monday</td>
12              <td>Java</td>
```

```
⚙ CSS                                     ∨
1   table, th, td {border: 1px solid blue;}
2   table {border-collapse: collapse;}
3   table {width: 100%;}
4   th {height: 50px;}
5   td {text-align: center;}
```
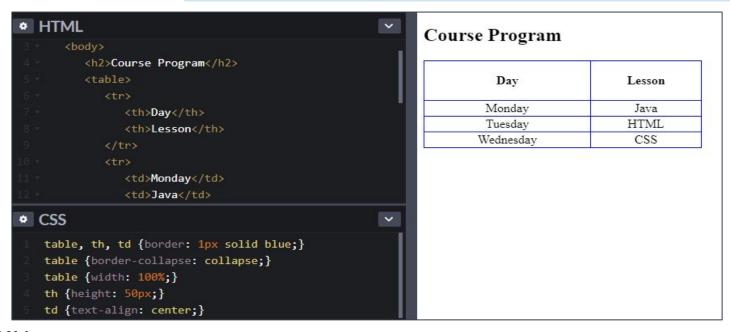
**Course Program**

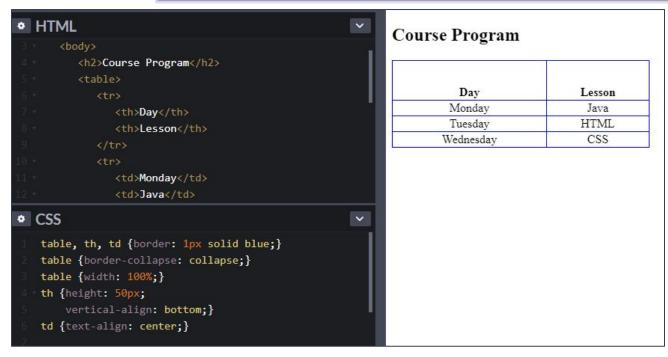| Day | Lesson |
|---|---|
| Monday | Java |
| Tuesday | HTML |
| Wednesday | CSS |

**5** Vertical Alignment

# Vertical Alignment

Vertical Alignment

- By default, the vertical alignment of the content in a table is middle (for both <th> and <td>elements).

```html
<body>
    <h2>Course Program</h2>
    <table>
        <tr>
            <th>Day</th>
            <th>Lesson</th>
        </tr>
        <tr>
            <td>Monday</td>
            <td>Java</td>
```

```css
table, th, td {border: 1px solid blue;}
table {border-collapse: collapse;}
table {width: 100%;}
th {height: 50px;
    vertical-align: bottom;}
td {text-align: center;}
```

**Course Program**

| Day | Lesson |
|-----|--------|
| Monday | Java |
| Tuesday | HTML |
| Wednesday | CSS |

**6** Table Padding

# Table Padding

**Table Padding**

- To control the space between the border and the content in a table, use the padding property on <td> and <th> elements.

```html
<body>
    <h2>Course Program</h2>
    <table>
        <tr>
            <th>Day</th>
```

```css
table, th, td {border: 1px solid blue;}
table {border-collapse: collapse;}
table {width: 100%;}
th {height: 50px;
    vertical-align: bottom;
    padding: 15px;
    text-align: left;}
td {text-align: center;
    padding: 15px;
    text-align: left;}
```

## Course Program

| Day | Lesson |
|-----|--------|
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# Hoverable Table

# Hoverable Table

- Use the :hover selector on <tr> to highlight table rows on mouse over.



```html
<body>
    <h2>Course Program</h2>
    <table>
        <tr>
```

```css
table, th, td {border: 1px solid blue;}
table {border-collapse: collapse;}
table {width: 100%;}
th {height: 50px;
    vertical-align: bottom;
    padding: 15px;
    text-align: left;}
td {text-align: center;
    padding: 15px;
    text-align: left;}
tr:hover {background-color: #f5f5f5;}
```

## Course Program

| Day | Lesson |
|-----|--------|
| Monday | Java |
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| Wednesday | CSS |

**8** Table Color

# Table Color

| Table Color | • The example below specifies the background color and text color of <th> and <tr> elements |

```
HTML
3    <body>
4        <h2>Course Program</h2>
5        <table>
```

```
CSS
1    table, th, td {border: 1px solid blue;}
2    table {border-collapse: collapse;}
3    table {width: 100%;}
4    th {height: 50px;
5        padding: 15px;
6        background-color: #4CAF50;
7        color: white;}
8    td {text-align: center;
9        padding: 15px;
10       text-align: left;}
11   tr {background-color: lightblue;}
```

## Course Program

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# Striped Tables

**Striped Tables**

- For **zebra-striped** tables, use the **nth-child()** selector and add a **background-color** to all even (or odd) table rows:

```
list.html > html > body
8    <link rel="stylesheet" href="list.css">
9    <style>
10       table {
11           border-collapse: collapse;
12           width: 100%;
13       }
14
15       th,
16       td {
17           text-align: left;
18           padding: 8px;
19       }
20
21       tr:nth-child(even) {
22           background-color: ▫#f2f2f2;
23       }
24   </style>
```

| First Name | Last Name | Points |
|------------|-----------|--------|
| Peter | Griffin | $100 |
| Lois | Griffin | $150 |
| Joe | Swanson | $300 |
| Cleveland | Brown | $250 |