

Table and Form

Web Technologies



Lecture by
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```
<!doctype html>
<html>
  <head>
    <title>
      Web Technologies
    </title>
    <style>
      p {
        color: blue;
      }
    </style>
    <script>
      console.log("client-side");
    </script>
  </head>
  <body>
    <p>
      Welcome!
    </p>
  </body>
</html>
```


What we will cover

- Table merge
- Table accessibility
- Form

Table Merge

```
<table>
  <thead>
    <tr>
      <th rowspan="2">Book</th>
      <th colspan="4">Sales</th>
    </tr>
  ...
```

| Book | Sales | | | |
|-----------------------|-----------|-----------|-----------|-------------|
| | North | South | West | Total |
| PHP and MySQL | \$55,174 | \$73,566 | \$177,784 | \$306,524 |
| JavaScript and jQuery | \$28,775 | \$39,995 | \$239,968 | \$308,738 |
| Python Programming | \$27,688 | \$24,349 | \$168,228 | \$220,265 |
| Python Data Analysis | \$23,082 | \$24,858 | \$129,619 | \$177,559 |
| Sales Totals | \$140,775 | \$165,550 | \$762,794 | \$1,069,119 |

<thead>

```
<thead>
  <tr>
    <th rowspan="2">Book</th>
    <th colspan="4">Sales</th>
  </tr>
  <tr>
    <th>North</th>
    <th>South</th>
    <th>West</th>
    <th>Total</th>
  </tr>
</thead>
```

| Book | Sales | | | |
|-----------------------|-----------|-----------|-----------|-------------|
| | North | South | West | Total |
| PHP and MySQL | \$55,174 | \$73,566 | \$177,784 | \$306,524 |
| JavaScript and jQuery | \$28,775 | \$39,995 | \$239,968 | \$308,738 |
| Python Programming | \$27,688 | \$24,349 | \$168,228 | \$220,265 |
| Python Data Analysis | \$23,082 | \$24,858 | \$129,619 | \$177,559 |
| Sales Totals | \$140,775 | \$165,550 | \$762,794 | \$1,069,119 |

The CSS Code

```
th:first-child, td:first-child {  
    text-align: left;}  
  
th:first-child {  
    vertical-align: bottom; }  
  
th:nth-child(2) { text-align: center; }  
  
tr:nth-child(2) th {  
    text-align: right; }
```

| Book | Sales | | | |
|-----------------------|-----------|-----------|-----------|-------------|
| | North | South | West | Total |
| PHP and MySQL | \$55,174 | \$73,566 | \$177,784 | \$306,524 |
| JavaScript and jQuery | \$28,775 | \$39,995 | \$239,968 | \$308,738 |
| Python Programming | \$27,688 | \$24,349 | \$168,228 | \$220,265 |
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| Sales Totals | \$140,775 | \$165,550 | \$762,794 | \$1,069,119 |

Table Accessibility 1

<table summary=" ">

<caption>

Total sales for books published from 2012 to 2017</caption>

Total sales for books published from 2012 to 2017

| Book | Year Published | Sales |
|-----------------------|----------------|--------------------|
| PHP and MySQL | 2017 | \$372,381 |
| JavaScript and jQuery | 2020 | \$305,447 |
| Python Programming | 2020 | \$292,444 |
| Python Data Analysis | 2021 | \$328,992 |
| Total Sales | | \$1,399,264 |

Table Accessibility 2

```
<thead>
  <tr>
    <th id="hdr_book" scope="col">
      Book</th>
    <th id="hdr_year" scope="col">
      Year Published</th>
    <th id="hdr_sales" scope="col">
      Sales</th>
  </tr>
</thead>
```

Total sales for books published from 2012 to 2017

| Book | Year Published | Sales |
|-----------------------|----------------|--------------------|
| PHP and MySQL | 2017 | \$372,381 |
| JavaScript and jQuery | 2020 | \$305,447 |
| Python Programming | 2020 | \$292,444 |
| Python Data Analysis | 2021 | \$328,992 |
| Total Sales | | \$1,399,264 |

Table Accessibility 3

```
<tbody>
```

```
<tr>
```

```
<td headers="hdr_book">PHP and MySQL
```

```
</td>
```

```
<td headers="hdr_year">2017</td>
```

```
<td headers="hdr_sales">$372,381
```

```
</td>
```

```
</tr>
```

...

Total sales for books published from 2012 to 2017

| Book | Year Published | Sales |
|-----------------------|----------------|--------------------|
| PHP and MySQL | 2017 | \$372,381 |
| JavaScript and jQuery | 2020 | \$305,447 |
| Python Programming | 2020 | \$292,444 |
| Python Data Analysis | 2021 | \$328,992 |
| Total Sales | | \$1,399,264 |

Table Accessibility 4

```
<tfoot>
```

```
  <tr> <th id="hdr_total" scope="row">Total Sales</th>
```

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

```
  <td headers="hdr_sales hdr_total">
```

```
    $1,399,264 </td>
```

```
</tr>
```

```
</tfoot>
```

Total sales for books published from 2012 to 2017

| Book | Year Published | Sales |
|-----------------------|----------------|-------------|
| PHP and MySQL | 2017 | \$372,381 |
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| Python Programming | 2020 | \$292,444 |
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| Total Sales | | \$1,399,264 |

<form>

<form>

<label for="firstname">First name:</label>

<input type="text" id="firstname">


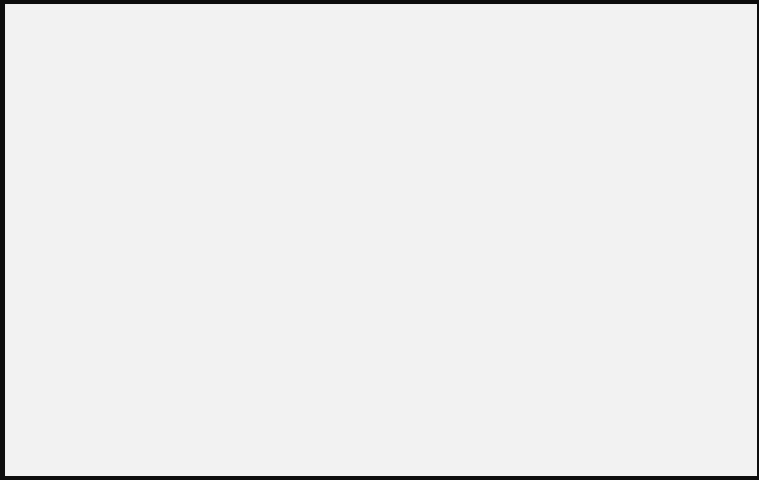
<label for="lastname">Last name:</label>

<input type="text" id="lastname">

<label for="address">Address:</label>

<input type="text" id="address">

...



First name:

Last name:

Address:

City:

Post code:

Control Buttons

```
<input type="submit" value="Register">
```

```
<input type="reset">
```

```
</form>
```

First name:

Last name:

Address:

City:

Post code:

Try It Yourself

In this activity, you can practice how to create a form with the `<label>` and `<input>` elements. So:

1. Create a form inside the `<body>` element following the HTML codes in slide 11 and 12.