

HTML



CSS



HTML & CSS: FUNDAMENTALS OF DEVELOPMENT

Instructor: Beck Johnson



TABLES

BASIC TABLE

```
<table>
  <thead>
    <tr>
      <th>Header 1</th>
      <th>Header 2</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Data 1a</td>
      <td>Data 2a</td>
    </tr>
    <tr>
      <td>Data 1b</td>
      <td>Data 2b</td>
    </tr>
  </tbody>
</table>
```

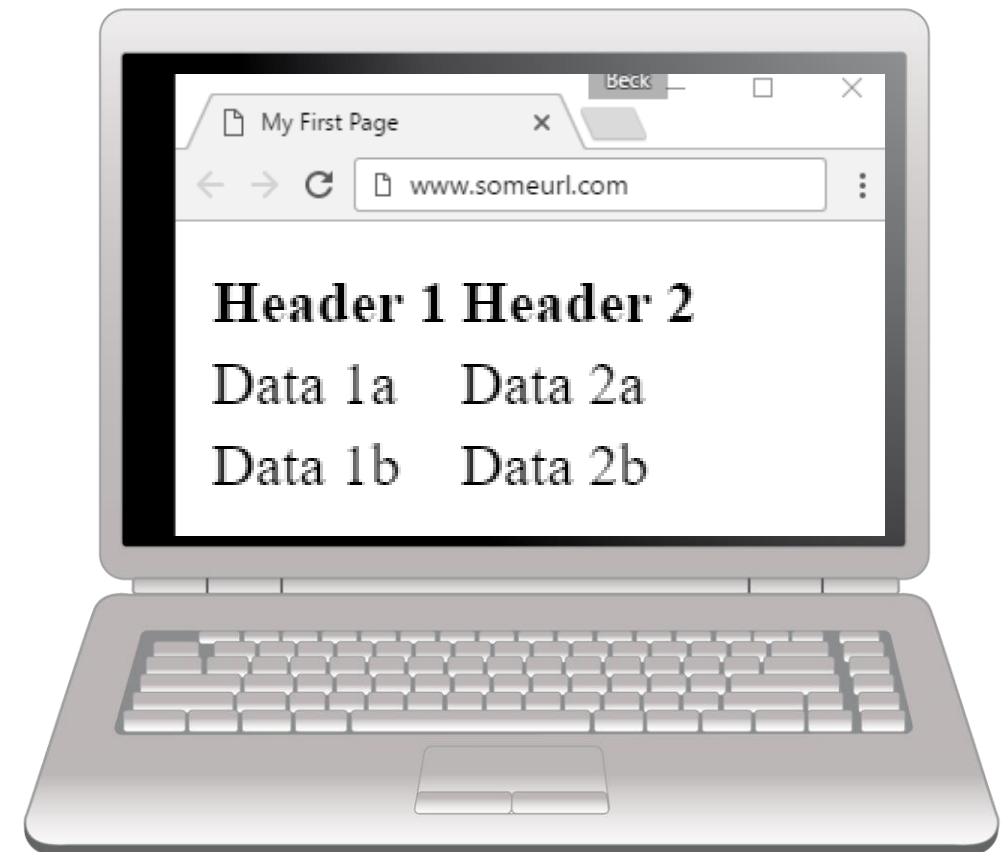


TABLE ELEMENTS

`<table>` wraps the whole table

`<thead>` wraps the table header

`<tbody>` wraps the main data

`<tr>` wraps a **t**able **r**ow

`<th>` wraps a **t**able **h**header cell

`<td>` wraps a regular **t**able **d**ata cell

STYLING TABLES

Tables can be styled using the CSS properties we've already discussed.

Employee	Salary	Bonus	Supervisor
Stephen C. Cox	\$300	\$50	Bob
Josephin Tan	\$150	–	Annie
Joyce Ming	\$200	\$35	Andy
James A. Pentel	\$175	\$25	Annie

FILM	YEAR
Citizen Kane Orson Welles, Joseph Cotten, Dorothy Comingore	1941
Gone With The Wind Clark Gable, Vivian Leigh	1939
Casablanca Humphrey Bogart, Ingrid Bergman	1942

STYLING TABLES

If you try to add borders to table cells you may notice something odd:

```
td, th { border: 1px solid #cccccc; }
```

One	Two	Three
Apples	Carrots	Steak
Oranges	Potato	Pork
Pears	Peas	Chicken

- This is because adjacent table cells each have their own distinct borders that do not merge together
- You can get rid of this behavior by setting this CSS style:

```
table { border-collapse: collapse; }
```

STYLING TABLES

You can create zebra-striped tables by using the pseudo-selector `:nth-child`

```
tr:nth-child(odd) td { background-color: #ccc; }
```

That applies a light grey background to only table data contained in odd rows.

Starter	Professional	Business	Unlimited
\$29 p/m	\$59 p/m	\$99 p/m	\$149 p/m
Unlimited bandwidth	Unlimited bandwidth	Unlimited bandwidth	Unlimited bandwidth
Free setup	Free setup	Free setup	Free setup
3 tracks	10 tracks	100 tracks	Unlimited tracks
5% transaction fee	3% transaction fee	2% transaction fee	1% transaction fee
100mb storage	500mb storage	1000mb storage	Unlimited storage
SIGN UP NOW	SIGN UP NOW	SIGN UP NOW	SIGN UP NOW

YE OLD NTH-CHILDE

Select the 5th element :

```
li:nth-child(5) { color: green; }
```



Select every 4th element starting at 1:

```
li:nth-child(4n+1) { color: green; }
```



See more: <https://css-tricks.com/useful-nth-child-recipes/>



PRACTICE TIME!

MAKE A TABLE

Using the table you already built (or create a new one):

- Style the table header and table body differently.
- Apply some CSS to make your table look nice:
 - Box model properties (padding, margin, border)
 - Font properties (size, color, font-family)
 - Container properties like background-color



FORMS



PRACTICE TIME!

MAKE A FORM

Create a new page that contains a form.

- Include at least 2 different types of `input`, at least one `label`, and a submit button.
- Style your form.
 - Box model properties (padding, margin, border)
 - Font properties (size, color, font-family)
 - Container properties like background-color
- What happens when you click the submit button?