

CSCI-1102: Introduction to Computing

HTML: Table, Text Formatting

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Defining HTML Tables

<table>

<thead>

<tr>

<th> </th>

</tr>

</thead>

<tbody>

<tr>

<td> </td>

</tr>

</tbody>

</table>

Defining HTML Tables

- ▶ Tables are defined with the `<table>` tag
- ▶ Tables are divided into table rows with the `<tr>` tag.
- ▶ Table rows are divided into table data with the `<td>` tag.
- ▶ A table row can also be divided into table headings with the `<th>` tag.

Note: The `<td>` elements are the data containers of the table.

They can contain all sorts of HTML elements; text, images, lists, other tables, etc.

An HTML Table without border

- ▶ If you do not specify a border for the table, it will be displayed without borders.

```
<table>
<thead>
  <tr>
    <th>Course Name</th>
    <th>Time</th>
  </tr>
</thead>
<tbody>
  <tr>
    <td>Computer Science I</td>
    <td>9:00AM to 9:50AM</td>
  </tr>
  <tr>
    <td>Machine Learning</td>
    <td>2:30PM to 5:15PM</td>
  </tr>
</tbody>
</table>
```

Course Name	Time
Computer Science I	9:00AM to 9:50AM
Machine Learning	2:30PM to 5:15PM

An HTML Table with a border attribute

- ▶ A border can be added using the **border** attribute.

```
<table border = "2px">
  <thead>
    <tr>
      <th>Course Name</th>
      <th>Time</th>
    </tr>
  </thead>
  <tr>
    <td>Computer Science I</td>
    <td>9:00AM to 9:50AM</td>
  </tr>
  <tr>
    <td>Machine Learning</td>
    <td>2:30PM to 5:15PM</td>
  </tr>
</table>
```

Course Name	Time
Computer Science I	9:00AM to 9:50AM
Machine Learning	2:30PM to 5:15PM

Table Cells that Span Many Columns

- ▶ To make a cell span more than one column, use the **colspan** attribute:

```
<table border = "2px">
<thead>
  <tr>
    <th colspan="2">Weekly Schedule</th>
  </tr>
</thead>
<tbody>
  <tr>
    <td>Computer Science I</td>
    <td>9:00AM to 9:50AM</td>
  </tr>
  <tr>
    <td>Machine Learning</td>
    <td>2:30PM to 5:15PM</td>
  </tr>
</tbody>
</table>
```

Weekly Schedule	
Computer Science I	9:00AM to 9:50AM
Machine Learning	2:30PM to 5:15PM

Table Cells that Span Many Rows

- ▶ To make a cell span more than one row, use the **rowspan** attribute:

```
<table border = "2px">
<thead>
  <tr>
    <th colspan="3">Weekly Schedule</th>
  </tr>
</thead>
<tbody>
  <tr>
    <td rowspan="2">Course & Time</td>
    <td>Computer Science I</td>
    <td>9:00AM to 9:50AM</td>
  </tr>
  <tr>
    <td>Machine Learning</td>
    <td>2:30PM to 5:15PM</td>
  </tr>
</tbody>
</table>
```

Weekly Schedule		
Course & Time	Computer Science I	9:00AM to 9:50AM
	Machine Learning	2:30PM to 5:15PM

Table with Images

Table with Images	
	

```
<table border = "2px">
  <thead>
    <tr>
      <th colspan="2">Table with Images</th>
    </tr>
  </thead>
  <tr>
    <td></td>
    <td></td>
  </tr>
</table>
```


HTML Text Formatting: HTML Bold

- ▶ The HTML `` element defines bold text, without any extra importance.

```
<p>This text is normal</p>
```

This text is normal

```
<p><b>This text is bold.</b></p>
```

This text is bold.

HTML Text Formatting: HTML Italic

- ▶ The HTML `<i>` element defines italic text, without any extra importance.

```
<p>This text is normal</p>
```

This text is normal

```
<p><i>This text is Italic.</i></p>
```

This text is Italic.

HTML Text Formatting: HTML Marked

- ▶ The HTML `<mark>` element defines marked or highlighted text:

```
<p>This text is normal</p>
```

This text is normal

```
<p><mark>This text is marked.</mark></p>
```

This text is marked.

Reference

`https://www.w3schools.com/`