CSCI-1102: Introduction to Computing

HTML: Table, Text Formatting

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January 13, 2019

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.

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

```html
<table>
<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>
```

An HTML Table with a border attribute

- A border can be added using the border attribute.

```html
<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:

```html
<table border = "2px">
<thead>
    <tr>
        <th colspan="2">Weekly Schedule</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>
```

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:

```html
<table border = "2px">
<thead>
    <tr>
        <th colspan="3">Weekly Schedule</th>
    </tr>
</thead>
    <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>
</table>
```

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

HTML Text Formatting: HTML Bold

- The HTML <**b**> element defines bold text, without any extra importance.


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

This text is normal

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

This text is normal

This text is Italic.

HTML Text Formatting: HTML Marked

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

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

This text is normal

This text is marked.

Reference

https://www.w3schools.com/