

HTML Lecture 2

Code Girls 2020-21





Links

- Basic syntax:

```
<a href="url">link text</a>
```

- By default, this makes the link:
 - Underlined and blue
 - Underlined and purple after being clicked
- The “target” attribute
 - Where the link will be opened
 - `_self` - default (same tab)
 - `_blank` - new tab
 - `_parent` - in parent frame
 - `_top` - in full body of window

```
<a href="mbhs.edu" target="_blank">MBHS Website</a>
```



More about Links

- Absolute and Relative URLs
 - Absolute `▮` a full URL, to a different website
 - Relative `▮` a link within the same website (without <https://www>)
- Link titles
 - Text when the mouse hovers over the link
 - `MBHS Website`



Images

- Makes the website better looking!
- Basic Syntax:

```

```

- `src` how the browser gets the image from a web server
- `alt` if the image cannot load

- Image formatting

```

```

```

```

- Image as a link
 - Put the image tag inside the `<a>` tag

```
<a href="mbhs.edu">
```

```
  
```

```
</a>
```



Lists

- Each list item ``
- Unordered Lists
 - Bullet points
 - ``
- Ordered Lists
 - Numbered
 - ``
- Description Lists
 - `<dl>`
 - `<dt>` for each term
 - `<dd>` to describe each term

An unordered HTML list

- Coffee
- Tea
- Milk

An ordered HTML list

1. Coffee
2. Tea
3. Milk

A Description List

Coffee

- black hot drink

Milk

- white cold drink



Block and Inline Elements

- Block-level Elements
 - Always starts on a new line
 - Takes up full width available
- Inline Elements
 - Does not start on a new line
 - Only takes up as much width as necessary

<address> <article> <aside> <blockquote> <canvas>
<dd> <div> <dl> <dt> <fieldset>
<figcaption> <figure> <footer> <form> <h1>-<h6>
<header> <hr> <main> <nav>
<noscript> <p> <pre> <section>
<table> <tfoot> <video>

Block-level Elements

<a> <abbr> <acronym> <bdo>
<big>
 <button> <cite> <code>
<dfn> <i> <input>
<kbd> <label> <map> <object> <output>
<q> <samp> <script> <select> <small>
 <sub> <sup> <textarea>
<time> <tt> <var>

Inline Elements



Iframes

- Used to display a webpage within a webpage

- `<iframe>`

```
<iframe src="url" title="description">
```

- Height and Width

```
<iframe src="mbhs.edu" height="200" width="300" title="Blair Website"></iframe>
```

- Border

- Iframes have borders as a **default**
- Use `style` attribute to remove

```
<iframe src="demo_iframe.htm" style="border:none;" title="Iframe Example"></iframe>
```

- Can also be the target for a link

```
<iframe src="demo_iframe.htm" name="iframe_a" title="Iframe Example"></iframe>
```

```
<p><a href="https://www.w3schools.com" target="iframe_a">W3Schools.com</a></p>
```



Tables

- Tags
 - whole table <table>
 - row <tr>
 - table header <th>
 - default bold and centered
 - data/cell <td>
 - default left aligned
- colspan/rowspan
 - to have a cell span multiple rows or columns (like merging cells in Excel)
 - inside a <td> or <th> tag
- Captions → acts as a title for the table
 - <caption>
 - must come right after the <table> tag
- Can customize a lot more with CSS!

```
<table style="width:50%">
  <caption>Monthly savings</caption>
  <tr>
    <th>Month</th>
    <th>Savings</th>
  </tr>
  <tr>
    <td>January</td>
    <td>$100</td>
  </tr>
  <tr>
    <td>February</td>
    <td>$50</td>
  </tr>
  <tr>
    <td colspan="2">Total: $150</td>
  </tr>
</table>

</body>
</html>
```

Monthly savings

Month	Savings
January	\$100
February	\$50
Total: \$150	



Acknowledgments

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