



# HTML5 Tags and Syntax

**My first big disappointment to you**

# HTML tags

- I can't teach you all of the tags
- I can't teach you all of the tags
- You don't want me to teach you all of the tags

# Finally, some tags...

- Tags have a beginning and an end

`<h1>Hello World</h1>`  
Start tag                      Closing tag

``

Self-closing tag

- Some tags have *attributes* (src, href, etc..)



# Display

- One of the most important attributes of an element is its display. The two most common are **block** and **inline**
  - **block (can take width and height)**
    - *Newline is inserted before and after, e.g. it “Takes up” whole width*
  - **inline (can not take width and height)**
    - *Only uses as much space as needed to contain the element.*

# Common Tags

- **Headings (block)**
  - `<h1>`, `<h2>`, `<h3>`, `<h4>`, `<h5>`, `<h6>`
  - These tags have **syntax** and **semantics**
- **Paragraphs (block)**
  - `<p> .... </p>`
  - Should only contain inline elements
- **Divs (block)**
  - `<div>...</div>`
  - Generic section that is larger than a paragraph



# More tags

- Ordered lists

```
<ol>
  <li> Item One </li>
  <li> Item Two </li>
</ol>
```

- Line breaks

```
<br>
```

- Unordered lists

```
<ul>
  <li> Item One </li>
  <li> Item Two </li>
</ul>
```

# Attributes

- **Attributes provide additional information about an element**
- **Always specified in the **start tag****
- **Attributes come in name/value pairs**



# Images

- **Images (inline)**

  - `<img src = “myPicture.jpg” alt = “Image of Colleen”/>`

- **Images rarely work the first time**

  - **Show a broken link, too big, too small, etc.**

- **Save yourself heartache and size/carefully name your picture before you use it.**



# Images

```

```

Extra formatting (height,  
width, position, etc.)

## More Attributes

- **As you learn the tags, you learn their specific attributes. Some apply to any tag**
  - **class** – applies special properties to groups of elements
  - **id** – specifies a unique id to one element on the page
  - **style** – specifies a certain visual style (avoid this one!!!)
  - **accesskey** – a shortcut key to activate an element
  - **tabindex** – the order elements will come into focus using the tab key.



## Special Entities

- **Tags always start with a bracket (<)**
- **What if you want the browser to display a bracket, not start a tag?**

# Special Entities

If you want....	Then use...
<	&lt;
>	&gt;
©	&copy;
blank space	&nbsp;
¢	&cent;
&	&amp;



## Review

- **How do you know the difference between a tag and an attribute?**
- **What two symbols end a self-closing tag?**

# Acknowledgements/Contributions

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