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 → 한줄이 beginning 과 end 다 가짐
(end가 없음)

- **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)**

  ****

  image가 한글일때 또는 txt

- **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

→을 image tag와 여러 attributes를 깣트예시.

<img src="logo.jpg"   Image filename

    alt="company logo"   Info for screen readers,
                                       broken links

    title = "AAA1 LLC"   Displays on hover

    class = "thumbnail"/>   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…
<	<
>	>
©	©
blank space	
¢	¢
&	&

Review

- **How do you know the difference between a tag and an attribute?**

- **What two symbols end a self-closing tag?**

Acknowledgements/Contributions