COMP 1017

Day 04

On Day 03, we covered a few new elements and attributes.

What do you remember about them?

What three (or is it two?) attributes do <img> tags need?

`<img src="img/logo.jpg" alt="image" title="image"/>`

We don't always need the title attribute! Huh?

<a>

Which attribute does <a> need?

```html
<a href="http://www.itsbaby.ca"> Click here to visit the website</a>
```


`<ol>`

```
<ul>
    <li> item here</li>
    <li> item here</li>
    <li> item here</li>
</ul>
```

• Bullets

```
<ol>
    <li> item here</li>
    <li> item here</li>
    <li> item here</li>
</ol>
```

1) Numbers

Let's make a linkable image! <a> + <img>

Eye link, you link, we all link to together.

Download: (Demo Image Links)

Tabular Content

Basically more tags for nerds.

Let's talk about tables.

Tables are a way of presenting data in columns and rows.

We define a table with <table>.

We can also define three distinct sections of the table.

<thead>	Table head. This is where things like your table title, headings, and categories might go.
<tbody>	Table body. This is where you will put the actual tabular data. If there are any vertical headings, they may belong in here as well.
<tfoot>	Table foot. This is where you can add things like citations or footnotes.

Next, each row starts with `<tr>`, the table headings with `<th>`, and each cell with `<td>`.

Tabular data elements can host all manner of other HTML elements within them.

However, HTML tables absolutely **cannot** be used for layout purposes!

So, what does a well-formed HTML table look like?

```
<table border="1">
    <thead>
        <tr>
            <th> Region</th>
            <th> Grass Type</th>
            <th> Water Type</th>
            <th> Fire Type</th>
        </tr>
    </thead>

    <tbody>
        <tr>
            <td>Kanto</td>
            <td>Bulbasaur</td>
            <td>Squirtle</td>
            <td>Charmander</td>
        </tr>
        <tr>
            <td>Johto</td>
            <td>Chikorita</td>
            <td>Totodile</td>
            <td>Cyndaquilr</td>
        </tr>
    </tbody>
    <tfoot>
        <tr>
            <td colspan="4"> Note: Pikachu is the only real choice here</td>
        </tr>
    </tfoot>
</table>
```

Region	Grass Type	Water Type	Fire Type
Kanto	Bulbasaur	Squirtle	Charmander
Johto	Chikorita	Totodile	Cyndaquil
Note: Pikachu is the only real choice here			

Let's try recreating a table using markup.

Download: (Demo Table)

Figures & Captions

Well that figures…sheesh!!

Let's learn about yet another element.

A `<figure>` can be an image, illustration, diagram, code snippet, etc.

It is usually referenced in some way within the main flow of the document.

Often, it will also have a `<figcaption>` describing its contents or adding more detail.

fig. 1: chonk in its natural habitat

```html
<figure>
    <img src="img/chonkyboye.jpg" alt="OG
    Pikachu" title="OG Pikachu"/>

    <figcaption>
        fig. 1: chonk in its natural habitat
    </figcaption>
</figure>
```

Blockquote

Don't you mean 'blockquotation'?

A `<blockquote>` is used to mark up an extended quotation.

It can also be used alongside the `cite` attribute, which indicates a source.

(This is mostly used for indexing.)

```
<blockquote cite="en.wikipedia.org/wiki/Pee_Pee_Island">
    <p>Pee Pee Island is a small island located in the
    province of Newfoundland and Labrador in the far east of
    Canada. Shortly after the incorporation, the name of the
    island was changed from "Pebble Island" to its current
    name.</p>
</blockquote>
```