Being Awesome with HTML

A tutorial by Zoe F

HTML: The quick facts

- **What:** The most popular markup language existing for webpages
- **Who:** Tim Berners-Lee
- **When:** In 1991, only 20 years ago
- **Where:** CERN Labs
- **How:** Browser-interpritation
- **Why:** He was a genius?

So what makes HTML so awesome?

- It's interpreted!
- It's simple
- It looks impressive without a lot of work

House cleaning.

Possible Tools:

- Wordpad,
- Notepad++
- HTMLKit
- Netbeans

Some nomenclature to impress your friends and enemies

- Plain old boring content.

  I am some plain old boring content

- Tags: What does this content look like?

  <MyTag> Boring Content</MyTag>

- Attributes: I mean, what does it reeeeeally look like?

  <MyTag size=big>Content</myTag>

Nesting!

- <tag1 >*Content*</tag1>
- <tag1 attribute = stuff><tag2>*Content*</tag2></tag1>
- <tag1><tag2>Content</tag1></tag2>

Deprecated Tags

These are the basics: A lot of the tags we go over today can also be implemented with CSS!

Resources

- **Reference:** http://www.w3schools.com/tags/
- **Lab:** http://www.binaryspark.com/classes/HTML_rocks/lab_instructions.html
- *Materials: http://www.binaryspark.com/classes/HTML_rocks/matterials.zip*

The standard tags you gotta have

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">


<html>


        <head>  </head>
        <body>   </body>


</html>
```

Text formatting

Making your content look pretty.

Lists

- Numbered lists/Ordered Lists (OL)
  …

- Unordered Lists (UL)

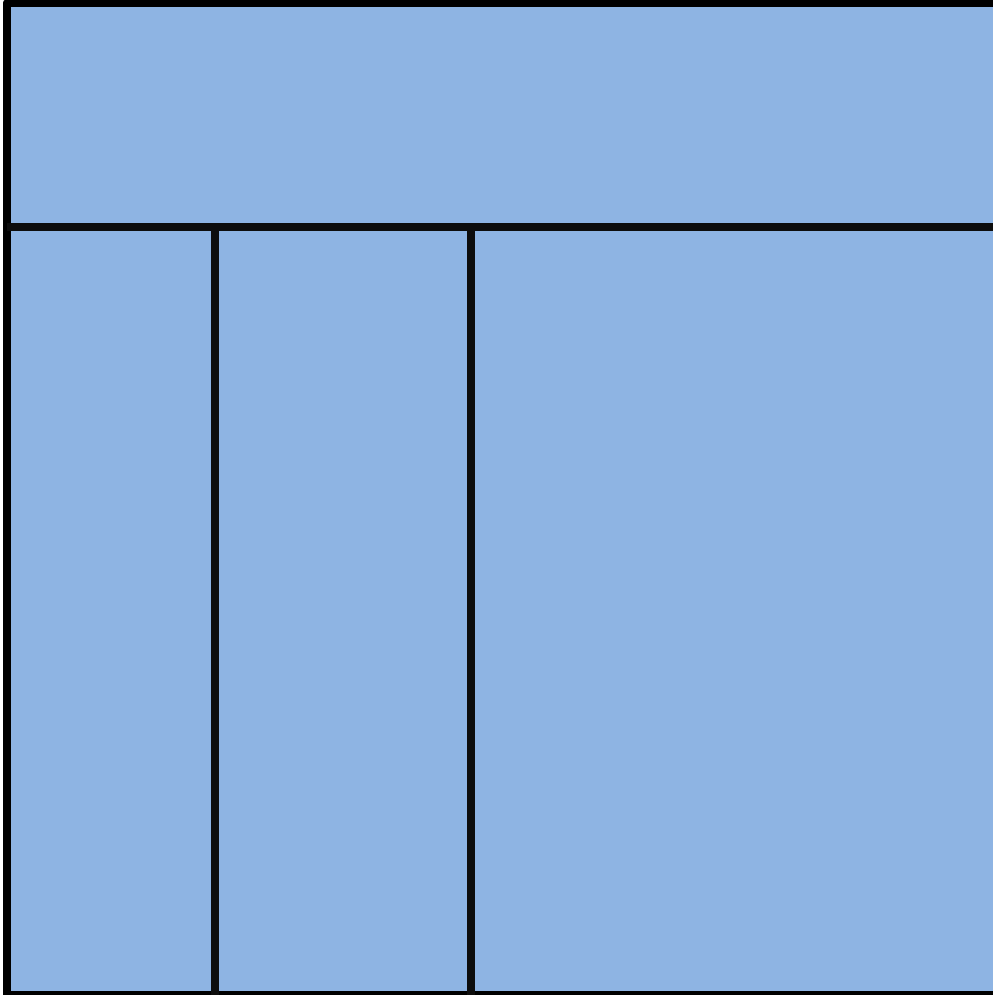- …

- List Items (li)

Doing stuff with images!

- <img src = location of file>

Layout!


```
<table>
  <tr colspan = 3>
    <td></td>
  </tr>
  <tr>
    <td></td>
    <td></td>
    <td></td>
  </tr>
</table>
```

Head and body tag info.
Oooh the power.

Commenting and beyond!

<!-- Place the comment here! -->

- Use them when the code gets complicated
- When you want others to be able to follow what you've done
- When you want to hide secret messages
- Whenever

Linkin’

CSS: The final frontier

http://www.w3schools.com/Css/css_reference_atoz.asp
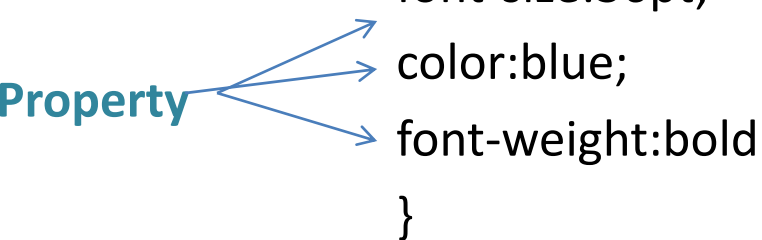
The old way:

<B><h1>Hello</h1>

The new hotness:

H1 {

font-size:36pt;

color:blue;

font-weight:bold

}

Property

<h1>Hello</hello>

Internal Style Sheets!

- <head>
    <style type="text/css">

        body {background-color:yellow;
              color:white; }

        p {color:blue}

    </style>
</head>

External stylesheets
(dun dun duuuuunnnn)