Welcome

GD50 Web Design

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Internet History

- https://www.youtube.com/watch?v=Dxcc6ycZ73M

- https://www.youtube.com/watch?v=9hIQjrMHTv4

WHAT IS
THE INTERNET?

0:04 / 3:44

History of
the Internet

a film by Melih Bilgil

0:03 / 8:09

HTML Elements

- **<h1> Heading 1 tag </h1> ... <h6>**

- **<p> Paragraph Tag </p>**

- **<blockquote** cite="sourceHere" **> Block Quote Tag <blockquote>**

- ** Unordered List Tag **

- ** List Item Tag **

- ** Strong (bold) **

- ** Emphasis (italic) **

- **<hr/> hairline and <br/> break**

- **<! - - Comment - - >**

<h1> ...<h6>

- **The <h1> to <h6> tags are used to define HTML headings.**

- **<h1> defines the most important heading. <h6> defines the least important heading.**

```
<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>
```
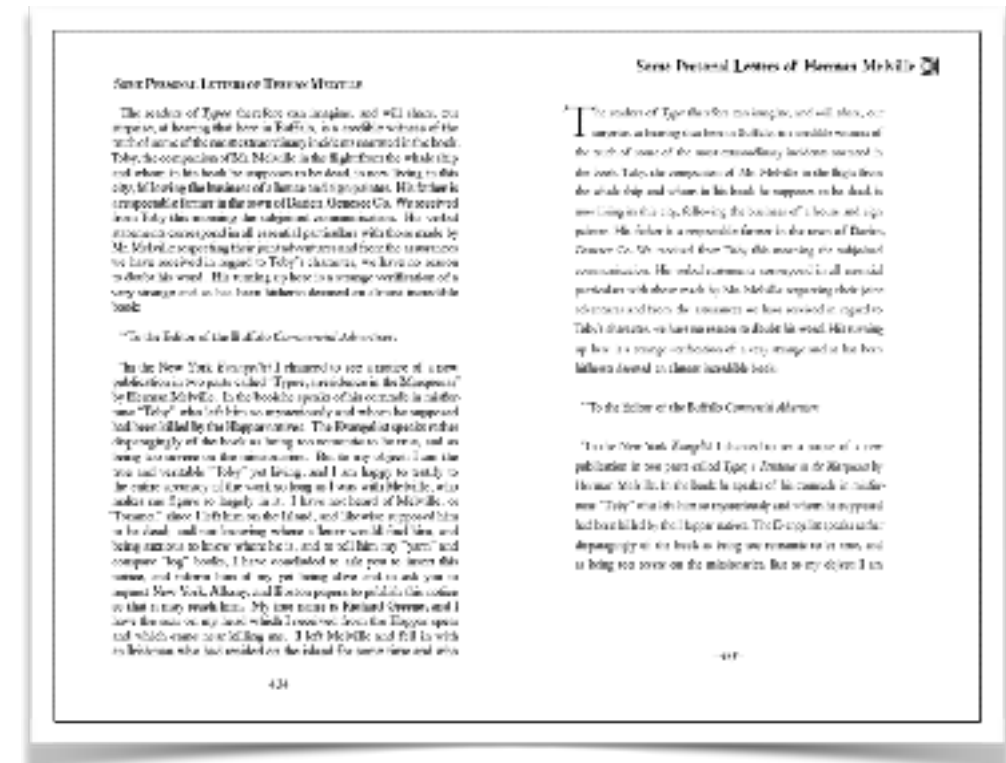
h1 heading

h2 heading

h3 heading

h4 heading

h5 heading

h6 heading

<p>

- **You cannot be sure how HTML will be displayed.**

- **Large or small screens, and resized windows will create different results.**

- **With HTML, you cannot change the output by adding extra spaces or extra lines in your HTML code.**

- **The browser will remove any extra spaces and extra lines when the page is displayed:**

```
<p>
This paragraph
contains a lot of lines
in the source code,
but the browser
ignores it.
</p>

<p>
This paragraph
contains          a lot of spaces
in the source          code,
but the          browser
ignores it.
</p>
```
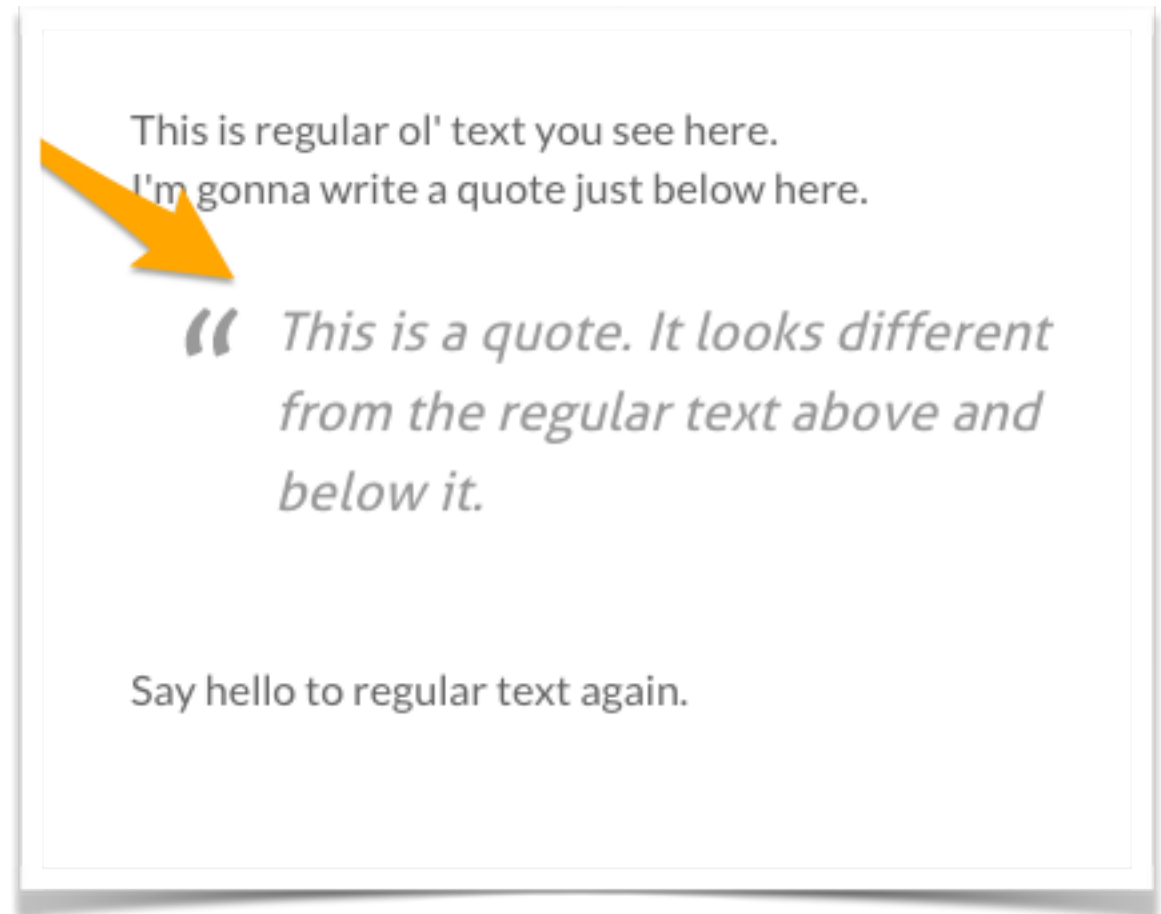
\<blockquote\>

- **The \<blockquote\> tag specifies a section that is quoted from another source.**

- **Browsers usually indent \<blockquote\> elements.**

This is regular ol' text you see here.
I'm gonna write a quote just below here.

" *This is a quote. It looks different from the regular text above and below it.*

Say hello to regular text again.

\<blockquote cite="http://www.worldwildlife.org/who/index.html"\>
For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.
\</blockquote\>

- **An unordered list starts with the <ul> tag. Each list item starts with the <li> tag.**

```
<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

- **The list items will be marked with bullets (small black circles) by default**

HTML Code - Unordered List	Looks like...

`<ul>`
`<li>This is the first item</li>`
`<li>This is the second item</li>`
`<li>This is the third item</li>`
`</ul>`
	• This is the first item
	• This is the second item
	• This is the third item

<strong> <em>

- The <strong> tag is a phrase tag. It defines important text. Normally showed up as bold in your browser.

- The <em> tag is a phrase tag. It defines emphasized text. Normally showed up as italic in a browser.

```
<strong>Strong text</strong>
<em>Emphasized</em>

VS

<b>Bold</b>
<i>Italic</i>
```

```
<b>This is bold</b>,
and <strong>so is this (but better!)</strong>
```

<hr>

A Webpage With A Horizontal Rule

This paragraph goes before the horizontal rule (the horizontal line on this page).

This paragraph goes after the horizontal rule.

Done

- **The <hr> tag defines a thematic break in an HTML page (e.g. a shift of topic).**

- **The <hr> element is used to separate content (or define a change) in an HTML page.**

- **Shows up as horizontal rule in the browser**

  <h1>HTML</h1>
  <p>HTML is a language for describing web pages.....</p>

  <hr>

  <h1>CSS</h1>
  <p>CSS defines how to display HTML elements.....</p>

- **The <br> tag inserts a single line break.**

- **The <br> tag is an empty tag which means that it has no end tag.**

  This text contains
a line break.
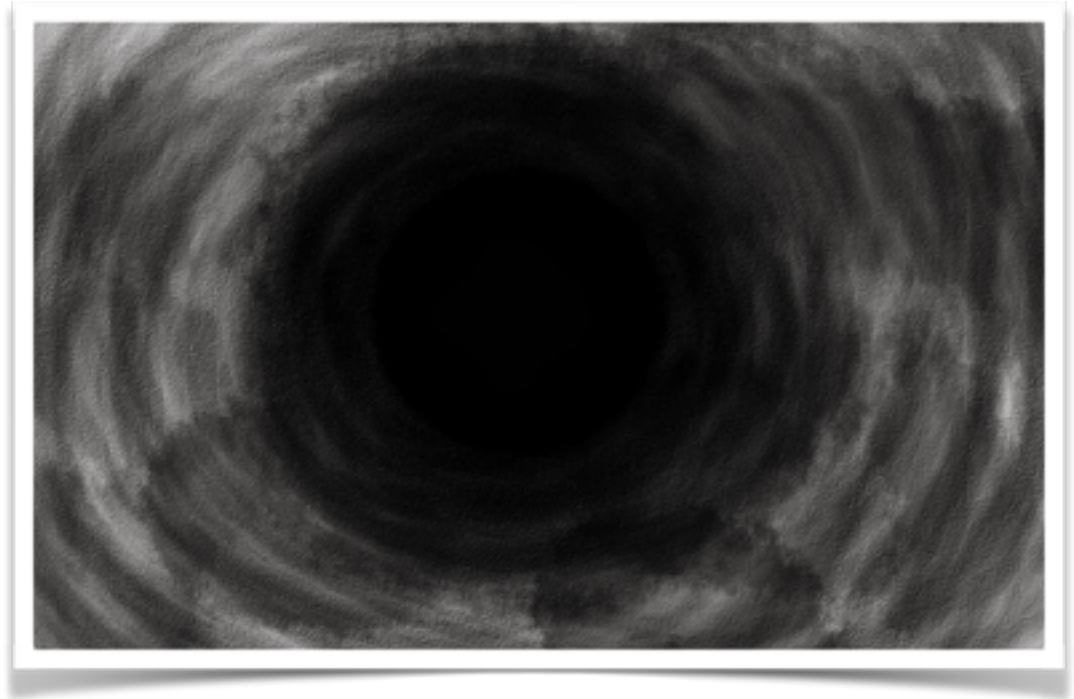

- **The <br> tag inserts a single line break.**

- **The <br> tag is an empty tag which means that it has no end tag.**

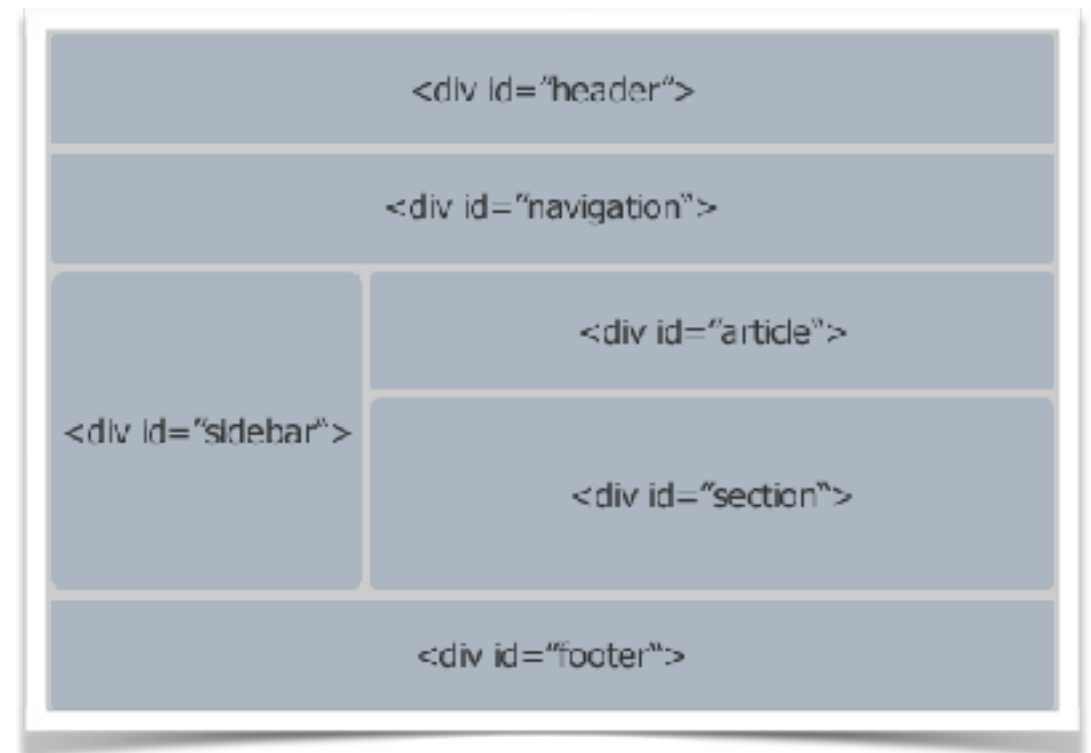This text contains
a line break.

Void Elements

- These elements are called empty or void and only have a start tag since they can't have any content.

- They must not have an end tag in HTML. The void elements in HTML 4.01/XHTML 1.0 Strict are area , base , br , col , hr , img , input , link , meta , and param.

\<div>

- **The \<div> tag defines a division or a section in an HTML document.**

- **The \<div> tag is used to group block-elements to format them with CSS.**

```
<div>
  <h3>This is a heading</h3>
  <p>This is a paragraph.</p>
</div>
```

<div id="header">

<div id="navigation">

<div id="sidebar">
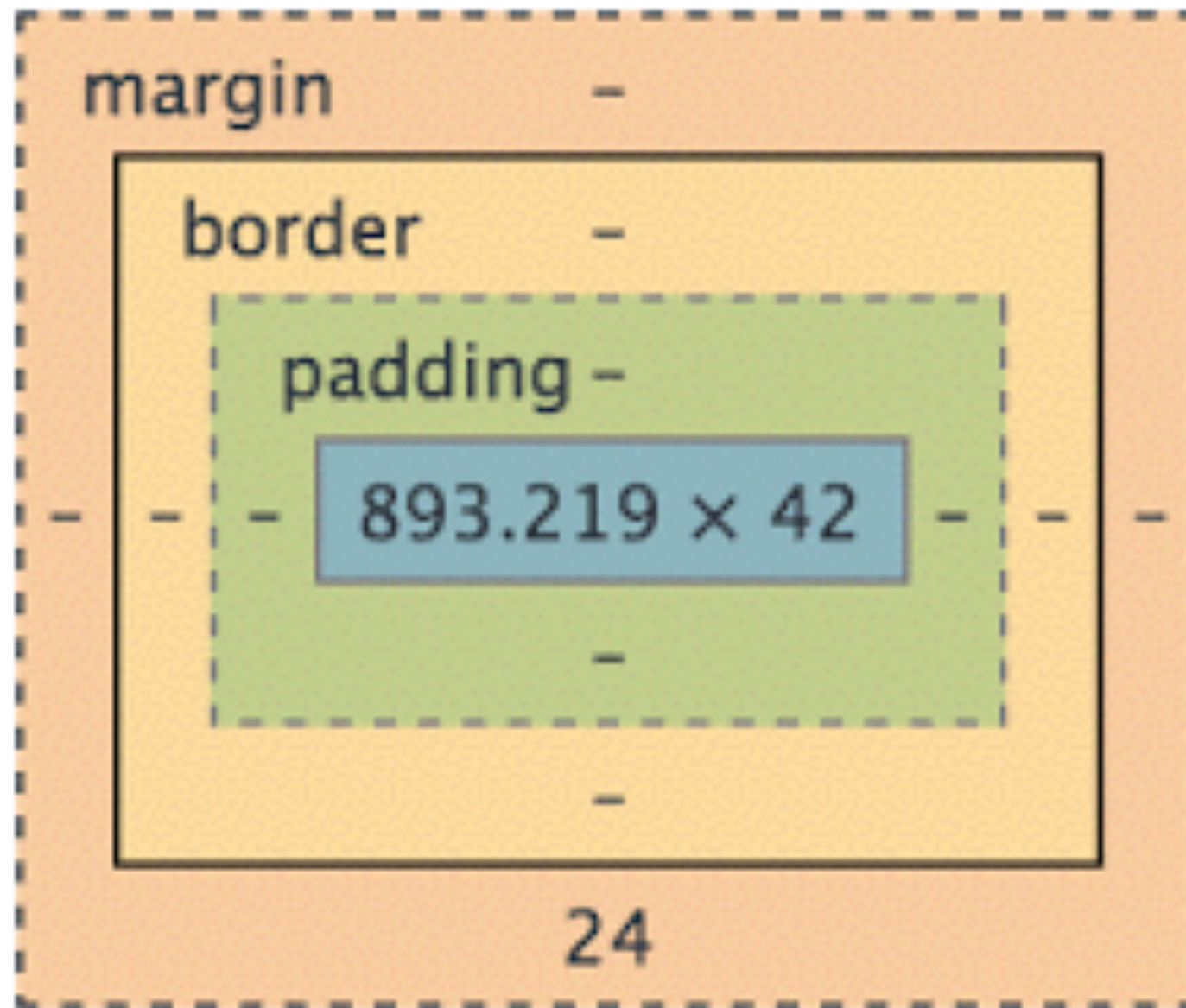
<div id="article">

<div id="section">

<div id="footer">

Special Characters

- http://www.w3schools.com/html/html_symbols.asp

```
<p>I will display &euro;</p>
<p>I will display &#8364;</p>
```

I will display €
I will display €

Box Model

Assignment 1.1

- **Create a numbered grocery list of at least 7 list items and a header to name the list.** *(remember there are different tags for ordered and unordered lists.)*

- **Use sublime or another text editor to create a new HTML document.**

- **Use the HTML basic code and then make your list in the body of the html document.**

- **Save the html document 1-1YourName.html**

Store List

1. eggs
2. chia seeds
3. penut butter
4. milk

5 text editors

w3s Basic html page

Assignment 1.2

- **In a new HTML document, create a 3-7 paragraph letter using a funny text generator.** *(like http://hipsum.co/)*

- **Emphasis 5 favorite/funny words and make strong 5 favorite/funny words.**

- **Save the html document 1-2YourName.html**

20 funny text generators

w3s Basic html page

Assignment 1.3

- In a new HTML document, use special characters to Recreate this message.

- Search for special characters in html for a list. (**Like this one**)

- Save the html document **1-3YourName.html**

" © @ ↑ "

Special Characters

w3s Basic html page

HTML

```html
<!DOCTYPE html>
<html>
<head>
  <title>Page Title</title>
</head>

<body>

  <h1>My First Heading</h1>

  <p>My first paragraph.</p>

</body>

</html>
```