

Attributes, Headings, and Text



Review

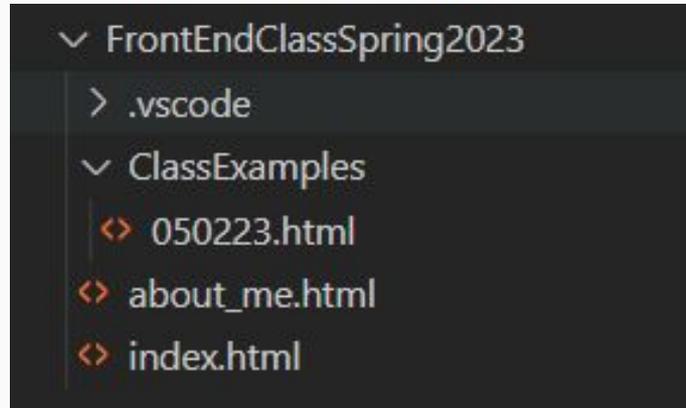
Create 2 web pages that contains the following.

- An index.html page
 - Give it a title
 - Create content about what you want to do with your html skills using tags we learned
 - Create a link to an “about me” page.
- An about me page
 - The website title shows your name
 - Body with facts about you.
 - Contains one link to an external site such as linkedin.

Website File Structure

Tuesdays lecture and coding examples should go into a subfolder

Thursday coding assignments can either go into your main folder or a subfolder



How to view a webpage's code

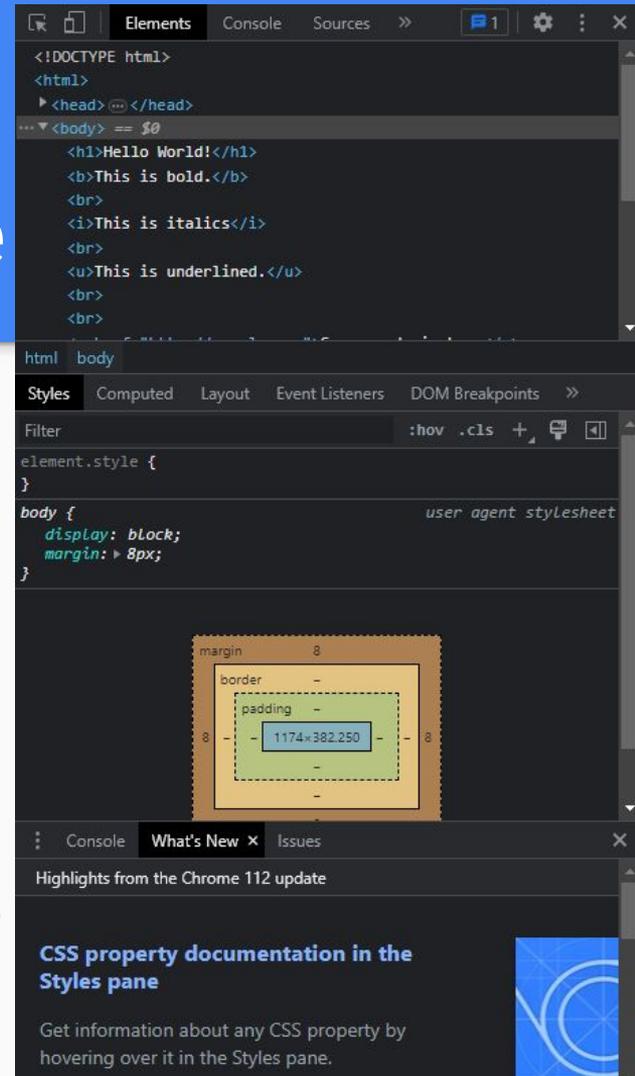
Hit F12 on your keyboard and select the Elements tag

F12 is the developer view

OR

Right click and select "View Page Source"

This will become very important to use in later classes



The screenshot displays the Chrome DevTools interface. The top panel shows the 'Elements' tab with the following HTML structure:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <h1>Hello World!</h1>
    <b>This is bold.</b>
    <br>
    <i>This is italics</i>
    <br>
    <u>This is underlined.</u>
    <br>
    <br>
  </body>
</html>
```

The middle panel shows the 'Styles' tab for the selected 'body' element, displaying the following CSS rules:

```
body {
  display: block;
  margin: 8px;
}
```

The bottom panel shows a visual representation of the 'body' element with its margin, border, and padding properties highlighted. The dimensions of the body are 1174x382.250.

At the bottom of the DevTools interface, there is a notification for 'Highlights from the Chrome 112 update' and a link to 'CSS property documentation in the Styles pane'.

Attributes

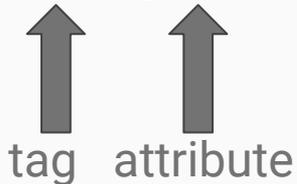
Attributes are a way to customize elements on an HTML page

Any element can have attributes

Attributes are typically written as `AttributeName=AttributeValue`

Example:

```
<p align="right">This is a simple paragraph</p>
```


tag attribute

Lets try it out

```
<p style="background-color:green;">It is not easy being</p>
```

```
<p align="right">Wait go left</p>
```

```
<p style="color:orange;">Its just a wee bit of Jaundice</p>
```

```
<p style="font-family:courier;">Does this look more professional?</p>
```

```
<p style="font-size:300%;">Whoa!</p>
```

```
<p style="text-align:center;">Stuck in the</p>
```

```
<p title="what is this?">Leave your mouse on this text and see what happens</p>
```

Headings

Headings are large text that appear on a webpage

Headings help draw the user's eye to content

Headings also help search engines see what is on your webpage

Cows lose their jobs as milk prices drop

By Scott Calvert
THE BALTIMORE SUN

EASTON, Md. — As his 100 dairy cows lumbered over for their Monday afternoon milking, farmer Eric Foster pondered his sudden misfortune. Those Holsteins and Jerseys, profit machines during a recent milk boom, are now such money-lo-

This unlikely combination of forces has hit Foster's milking parlor and other dairy operators with a vengeance. After soaring in 2007 and remaining high in much of 2008, milk prices paid to farmers have collapsed and are expected to remain dismal, even as feed and fuel stay fairly costly.

Some dairy farmers have shut down. Others, like Foster, are

going to be in the dairy business."

Economists are concerned

Although consumers should benefit from somewhat lower prices at the supermarket, a drop in the value of milk presents a grim outlook for dairy farmers across the U.S.

Lets try it out

- `<h1></h1>`
- `<h2></h2>`
- `<h3></h3>`
- `<h4></h4>`
- `<h5></h5>`
- `<h6></h6>`

Examples of headings

```
<h1>Heading 1</h1>
```

```
<h2>Heading 2</h2>
```

```
<h3>Heading 3</h3>
```

```
<h4>Heading 4</h4>
```

```
<h5>Heading 5</h5>
```

```
<h6>Heading 6</h6>
```

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Note as of HTML5 there are 6 levels of headings

Text Formats

There are many different types of tags you can use to describe text

This changes the size, color, format, etc of the text

This is commonly used to highlight or design text so it is more visually appealing

Lets try it out

- ``
- ``
- `<i>`
- ``
- `<mark>`
- `<small>`
- ``
- `<ins>`

Examples of Text Formats

<code></code>	Bold
<code><small></code>	Make text small
<code></code>	Emphasized or italicized
<code><sub></code>	Subscript
<code></code>	Deleted or Strikethrough Text
<code><mark></code>	Marked or Highlighted
<code><ins></code>	Insert Text

Quotations

**“I’m not
superstitious,
but I am a little
stitious.”**

—MICHAEL SCOTT (STEVE CARRELL)
THE OFFICE

- Quotations are used to cite copyrighted or original work on your site
- Quotation tags are used by search engines
- Most of the time attributes used by quotations will not appear on your page
- You can achieve the same visual effect of quotations by using other tags but your site will not be as search engine friendly

Examples of Quotations

<code><abbr></code>	Used for an abbreviation or acronym
<code><address></code>	Used to display an address
<code><bdo></code>	Defines the text direction
<code><blockquote></code>	Used to define a section that is quoted from another source. Note the cite attribute is only used by search engines
<code><cite></code>	Makes text italicized and is typically used to cite the title of a work
<code><q></code>	Used for short inline quotation

Lets try it out

- `<abbr title="the word you are abbreviating">`
- `<address>`
- `<bdo dir="rtl">`
- `<blockquote cite="Website you are citing">`
- `<cite>`
- `<q>`

Oh the many many tags you'll meet

There are hundreds of tags in HTML5 and more being made

Tags are here to make your life easier

There is (usually) no right or wrong answer to which tags you choose



Comments in HTML

Comments are a way to describe what your code is doing

Comments are not executed by the browser

Comments are written as follows

```
<!-- This is a comment -->
```

```
<!-- This comment
```

```
    Spans multiple lines -->
```

Why comment your code?

- Comments help other people better understand your code
- You can leave notes and to dos in your code to help you stay organized

You can also comment out your code

```
<p>This is a paragraph.</p>
```

```
<!--
```

```
<p>This is commented out and will not appear on the page</p>
```

```
-->
```