

CIS 195 – Week 2

Topics for Week 2

- Chrome Developer Tools
- Empty Elements
- Syntax Validator
- Visual Studio Code
- Nesting Lists
- Inline versus block elements
- Figure and figcaption elements
- Blockquote element
- Special characters and comments
- Horizontal rule `<hr>`
- History of html

Chrome Developer Tools

- Use Developer Tools to view and debug code
- To get to Developer Tools
 - Chrome menu/MoreTools/Developer Tools
 - Windows keyboard shortcut is ctrl-shift-i to get to Elements tab
 - Mac keyboard shortcut is ctrl-option-i
- Use Elements tab to view html

Empty Elements – No Text Content

- Use a self-closing (there's not a separate closing tag).
- Some examples:
 - `
` line break is an empty element
 - `` displays a specified image
 - `<hr>` horizontal line

Syntax Validator

- Syntax – the rules to follow.
- Examples of specific html syntax
 - Angle brackets, quotes around an attribute value
- Use syntax validator to check your code
 - <https://validator.w3.org/>

Visual Studio Code

- Text editor with color coding.
- If you're looking for errors, don't trust the browser. The browser will sometimes make a best guess as to what you meant if you have a syntax error.
- Load index.html and remove > from last <section>
- Highlights related opening or closing tag when select a tag.
- Automatically adds the closing tag when create the opening tag.

Can Nest Lists

- Implementation: nest the inner list within an `` element of another list.

In-line and Block Elements

- Demo inline and block elements in an html document
- Inline elements don't push the following content down to the next line.
 - Inline examples: ``, ``, ``
- Block elements do push following content to next line.
 - Block examples: headings `<h1>` etc., `<p>`, ``, ``

Figure and Figcaption Elements

- Enclose `` within a figure element to allow you to do more formatting
- For example can add a caption to the image with `<figcaption>`
- Look at `blackgoose-home.html` example

```
<figure>
```

```
  
```

```
  <figcaption>Black Goose Logo</figcaption>
```

```
</figure>
```

Blockquote Element

- Can document where you obtained the information with cite attribute
 - Example at https://www.w3schools.com/TAGS/tag_blockquote.asp
- Blockquote is a block element. Try
Testing 1<blockquote>This too shall pass!</blockquote>Testing 2

Special Characters

- See the list at

https://www.w3schools.com/html/html_symbols.asp

- Try

♥

Commenting Your HTML Code

- Can use comments to document your code
Example: `<!-- Created by Joe Lowe -->`
- Can also use to comment out code you want to keep but don't want displayed
 - Place the comment tags around that code

Horizontal Rule

- `<hr>` draws a horizontal line

Lab 2 Requirements

Part 1: One page website

Part 2: Multipage website with subfolders
-demo folder/file structure