# <html>

TJ Dev Club



## What's the commonality?

#### HTML elements without style (CSS) applied to them

A Coywolf Adaptation created by Jon Henshaw

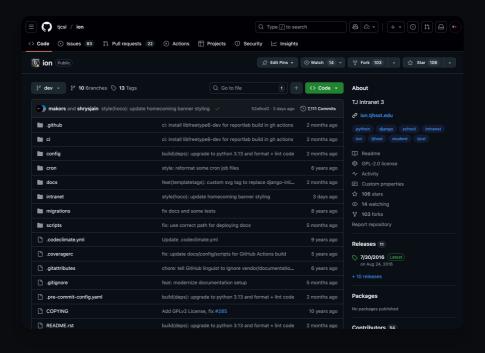
HTML looks and functions well by default without the need for CSS or JavaScript. This page includes the majority of HTML elements, including semantic HTML elements, that have a unique visual style or interaction. Web developers should consider writing custom CSS instead of relying on bloated libraries where a significant portion of CSS code isn't used. You are encouraged to click on the heading link to learn more from Mozilla's MDN Web Docs.

#### Bookmark (aka Jump) links to examples ↓

- Progress Bar
- Meter
- Mark (Highlight)
- Dialog Box (Modal Window)
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   Datalist
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- Small Blockquote
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- · Abbreviation and Acronyms
- Strong and Emphasis



## What's the commonality?





# They both use HTML!



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#### What is HTML?

- HyperText Markup Language -> HTML
- Structures and formats a website (similar to APA or MLA!)
- Every website uses HTML. Some use CSS and JS.

You'll be using HTML all the time in Dev Club. Seriously.



# The Formatting of HTML

- Of course, there is a certain way to format HTML
- Some parts aren't required, but are recommended
- Works in **TAGS**



#### See the Similarities?

```
package club.tjdev; // <!doctype html>

public class Main { // <html>
    public static void main(String[] args) { // <body>
        // inner code (e.g., h1, h2, etc.)
    } // </body>
} // </html>
```



### <!doctype html>

<!doctype html> is not strictly required, but you should always include it.
It basically tells the browser to use HTML5 (you don't need to remember that,
dw).

```
<!doctype html>
<html lang="en">
<head>
<title>My Page</title>
</head>
<body>
<h1>Hello</h1>
Welcome.
</body>
</html>
```



#### <html>

Think of this like starting a class in Java. It holds everything.

```
<!doctype html>
<html lang="en">
  <!-- document root -->
  </html>
```



#### <head>

The <head> tag stores metadata (e.g., title, favicon, seo).

```
<!doctype html>
<html lang="en">
    <head>
        <!-- metadata, title, styles -->
        </head>
        <body>
        <body>
        </body>
        </html>
```



### <body>

This is the bread and butter of HTML. All the text, images, and whatever else you put on the page is held within here.

```
<!doctype html>
<html lang="en">
    <head></head>
    <body>
        <!-- page content, your images, text, etc. -->
        </body>
    </html>
```



### What About Text?



# Fancy Text?

```
<h2>
    Bold and Italic
</h2>

    this is <strong>bold</strong> and this is <em>italic</em>.
```



### HTML Attributes

Some HTML tags require special properties, called attributes.

```
ch2>
    Image with attributes
</h2>
<img src="/html-only.png" alt="HTML Only Example" width="300" title="HTML only page"> <!-- NO CLOSING TAG!!! -->

<h2>
    Link with attributes
</h2>

    Visit <a href="https://tjdev.club" target="_blank" rel="noopener noreferrer" title="Visit TJ Dev Club">TJ Dev Club
```



# Putting Everything Together



# Mini Project

- Setup a Director site (static) w/ an officer
- Create your own blog site



# </html>

