**Divs**

Divs are a division or section of an HTML document that can be individually styled with CSS. Anything can be placed in the <div> tag, and it can be styled by using a class or id attribute.

**Spans**

Spans are a form of inline CSS used to markup part of a text or document without styling the entire element. Spans, like divs, can also be styled by CSS. The difference between the two is that Divs are block level and spans are inline.

**IDs**

IDs are a way to add uniqueness to any HTML elements so they can be specifically styled. For example, if I have two paragraphs that I’d like to style differently, they would get the ids <p id=”par1”> and <p id=”par2”> so they can be told apart. Then, if I want only paragraph 2 to be styled, I would begin my CSS with #par2 {... and style it from there.

**Classes**

Much like IDs, classes are used to add uniqueness to HTML. Classes are more suitable for when you’d like to style multiple of the same element. The coding is similar. Classes are labeled <div class=”cla1”>, <div class=”cla2”>, etc. To style them, simple begin your CSS with .cla1{... or .cla2{... and style.

**Selectors**

Selectors are used by the CSS to find which HTML elements to code. There are 5 categories of CSS selectors:

* Simple Selectors: select elements based on name, id, or class
* Combinator Selectors: select elements based on their relationship (sibling, child, parent, etc.)
* Pseudo-class Selectors: select elements based on state
* Pseudo-elements Selectors: select and style part of an element
* Attribute Selectors: select elements based on an attribute or its value.

The most basic CSS selectors are the element selector, the id selector (#), the class selector (.), the universal selector (\*), and the grouping selector (,).

Links Used:

<https://www.w3schools.com/tags/tag_div.ASP>

<https://www.w3schools.com/tags/tag_span.asp>

<https://www.w3schools.com/html/html_id.asp>

https://www.w3schools.com/css/css\_selectors.asp

https://www.w3schools.com/html/html\_classes.asp