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Week 8 Research Assignment

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What are SaSS and LESS?

SaSS stands for Syntactically Awesome Stylesheet and is an extension of CSS. What is great about using SaSS is that you can have your CSS selectors nested in the same way as HTML, while using CSS, you cannot nest CSS selectors. It makes it easier to read and looks cleaner. Such variables like colors, strings, booleans, numbers, lists and nulls use a $, followed by a name, to declare them. LESS stands for Leaner Style Sheets. It is a backwards-compatible language extension for CSS. Like SaSS, LESS can also have CSS selectors nested in the same way as HTML. LESS uses a @ to declare its variables. It can either run on client side or server side.

What is a highlight of what you have learned this week?

A highlight of what I have learned from this week is this. CSS is for styling a web page. HTML is for building content that is related or associated to an idea or subject that the front end developer is trying to catch to a specific audience. JavaScript gives interaction and responsiveness to a web page or web pages so that a user can enter something. One example would be a blog. A user could respond back to a topic that the blogger posted to continue a conversation. Another example, would be playing against the computer in a game called Ping Pong written in JavaScript. There are so many possibilities that they continue to be endless.

Definition and Introduction of SaSS:
https://www.w3schools.com/sass/sass_intro.php

SaSS Nested Rules and Properties:
https://www.w3schools.com/sass/sass_nesting.php

An overview of LESS: https://lesscss.org/#overview