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Week 8 Research

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# CSS – SASS vs LESS

SASS and LESS are considered "pre-extensions of CSS" (Pedamkar). They are essentially processes that happens before its code is converted back to regular CSS styling. Both tools allow for better enhancement and maintenance of CSS styling. SASS stands for "Syntactically Awesome StyleSheets," (Pedamkar) which is typically associated with Ruby. While, LESS is broken down as "Leaner CSS," (Pedamkar) is typically more suitable with JavaScript. Both play an integral part in the betterment of using CSS styling for web pages.

SASS and LESS are unique in their own rights, but they both help in aiding with saving time and easily manage code. They both are important in that they provide some amazing features. With SASS, you are able to have a "stable and powerful tool, that can be written in JavaScript" (Pedamkar). While, LESS is still as strong, but "newer styles can be defined and because of how agile it is, you can reduce redundancy with it" (Pedamkar). SASS does have some pitfalls; where as it is great at reporting errors, LESS is stronger in that it can provide more accurate error alerts and provide a location on where the exact error occurred.

Having access to preprocessors like SASS and LESS are vital because they help with expediting and managing styling code. With them both, as programmers we are able to be more efficient and have help in writing less code. Both tools allow you to compile CSS a in simpler and quicker fashion, by providing libraries of CSS elements that are prepackaged and ready for use.

What I enjoyed the most about this week is being able to bring my website to life. Although, I was implementing CSS into my project the week before, I was more excited about programming than I ever imagined I would be. My favorite thing was being able to take some basic content that I added to a web page and with CSS bring some creative style to it. It made me feel like I wanted to find the most used websites I use and see if I could either duplicate what they have or start implementing what ideas I always thought would better help the user interface experience. After realizing that I was adding CSS within my HTML, this week I will focus on converting my CSS styling to its own page and adding better styles to my website.

Works Cited

Pedamkar, Priya. "SASS vs LESS." *EDUCBA*, 6 June 2022, www.educba.com/sass-vs-less.