Lappeenrannan teknillinen yliopisto

School of Engineering Science

Software Development Skills

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LEARNING DIARY, FRONT-END MODULE

**LEARNING DIARY**

**EXAMPLE STYLE 1**

24.05.2022  
  
As I have already completed two software development skill courses, the environment setup was already a really familiar process to me. I decided to setup the environment for the course today. I had already installed VS code and GitHub, so the only thing I had to do was to create a repository and project structure.

As I already am quite familiar with JavaScript and HTML, I don’t expect to learn much from those subjects. However, I have never tried SASS, and I’m quite eager to learn it.

I installed the “Live Server” extension. I continued and completed the first module. In this module I learnt how to setup SASS and that you can use variables in SASS.

10.06.2022

Today I continued the course. I started working on the module 2. I immediately learned more about the handy shortcuts that the web development extension provides to VS Code. I also learned a whole lot about SASS: nesting, the & -operator, custom functions and more about SASS variables.

I also learned some miscellaneous things about vanilla CSS (mainly properties I haven’t heard before). The last thing I learned was SASS importing.

07.07.2022

Today I continued the course. I completed module 3 and didn’t learn anything new from it.

19.07.2022

Today I continued with the course and decided to complete the rest of the modules. I swiftly completed module 4 that covers responsiveness of the webpage. I am already familiar with the subject, so there wasn’t anything in the concept for me, but I learned how to implement responsiveness in SASS. I also learned about SASS for-loops.

I continued to the module 5 which covered creating the about.html and CSS grid layout. I’ve never used CSS grid layout, so that was the main object I learned in this module. I find the grid layout to be very useful especially the grid template function on responsive designs. I also learned about the calc() function in CSS which may prove useful in the future.

I continued to the sixth module which covered CSS flexbox, and in which I had to make the work and contact me pages. The sixth module was mainly a recap of the previous modules and didn’t offer any new information for me. After committing my work on module 6, I decided to end the day there.

20.07.2022

Today I finished the last module, which covered how to host the website to GitHub pages. This process was entirely new to me, so I learned a lot on this module. I had some problems with the authentication, but eventually I resolved the problems with the help of Google.