

Lappeenranta teknillinen yliopisto

Software Development Skills Front-End, Online course

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LEARNING DIARY, FRONT-END MODULE

Date : 1.9.2025

I read through the course information and understood I need to do a project that is different from the example project but can use the same code as it does. Setting up a GitHub version control and access it via VS Code is almost like a walk in the park so I made a new public repository for this course. The project uses Java Script, HTML and CSS which are the same things I'll be learning in the Introduction to web programming course. I have done some HTML before but don't remember that much. (Primarily in Java Course Android Studio)

I watched the first lecture video which showed an example of a HTML code. The level of the code was about the same I have done before, but showed me some new tags.

Date : 24.9.2025

Activity : I have watched the guide videos of html, js, etc. from the web programming course so I should have a bit better understanding now.

I started following along the example project but making constant small changes such as instead of using "Poppins" fonts I used "Roboto". I'm assuming small changes like these are there to make the project "my own".

Tried the prettier formatting plugin but didn't seem to work even after messing with settings.

I Set the page icon to be a HEDGEHOG! How to set the page icon was new information for me.

Adding links (that don't go anywhere as of now) was new and adding an icon was also new for me.

Set the logo to be a picture of my parents Maltese dog with size set to 200px on both width and height.

Setting hover mechanics and variables in CSS was new.

I completed the same steps as the tutorial until the 31:00 mark in the video.

Date: 21.10.2025

I followed through the rest of the tutorial video while making some differences to the original. The site became all about my parents dog.

I did 1h 45min worth of tutorial in a single sitting so I learned a lot of new stuff mostly on how CSS and HTML work but also toggles on the java script. I probably knew about toggles but had forgotten.

I had used AI on web programming and it used these 1rem before but then I had no real idea what they meant but now I do know that 1rem = 16px. The grid systems and 1fr were also totally new to me.

The tutorial also told about the good practice of putting for example .faq always in the front when working with .faq. So we will get for example .faq .faq-group{}

Then I also learned some more about how to make the website responsive to the size of the screen it's run on. Here I skipped some of the tutorials edits but added few of my own.

The video also showed how to get the files from working folder straight to git using the terminal. It's slightly more complicated than manually drag and dropping all the files there but the more files there are the more useful it will become to use the terminal.

Last thing was to use Netlify.com to deploy the created website which worked very smoothly.

The created website:

<https://unrivaled-treacle-6cf6a1.netlify.app/>