

Lappeenranta teknillinen yliopisto
School of Engineering Science

Software Development Skills Front-End, Online course

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LEARNING DIARY

Lectures and written material

Date : 6.7.2024

Activity : Reading the book *Cook, C. & Garber, J. (2012). Foundation HTML5 with CSS3. Berkeley, CA: Apress : Imprint: Apress., chapters 1 and 2*

Learning outcome: I learned, or rather relearned about the history of HTML. I was reintroduced to attributes, elements, tags, and how they work in principle.

Date : 6.7.2024

Activity : Video lecture *1 – HTML, part I*

Learning outcome: I learned about how tags are used in practice

Date : 6.7.2024

Activity : Video lecture *2 – HTML, part II*

Learning outcome: I learned about how elements and attributes are used in practice

Introduction to workflow and sass MODULE 1

Date : 6-7.7.2024

Activity : Video lecture *Response Portfolio Website[1] -Intro & Sass Workflow Setup; Setting up the VsCode environment*

Learning outcome: I didn't have to install many programs since I had most of them already due to me having tried to complete the course last year. I had run into major problems with node-sass with its installing and using. My computer notified me of an error that I did not understand. I learned a lot about node js and npm and that I still couldn't figure out why it wouldn't work in vs code. Due to that error my work had stopped in the first module.

But now after a year and a new attempt, I ran into same problem with npm but I was finally able to solve it. The answer to my problem were the following commands that I managed

to find from the internet after. After inserting these commands on the terminal the problem was solved and I was able to continue.

```
sudo systemctl -w net.ipv6.conf.all.disable_ipv6=1  
sudo systemctl -w net.ipv6.conf.default.disable_ipv6=1
```

Date : 7.7.2024

Activity : Video lecture 4 – CSS, part I

Learning outcome: I learned about formatting more with CSS

Date : 7.7.2024

Activity : Video lecture 5 – CSS, part II

Learning outcome: I learned about formatting more with CSS

Homepage and Core Sass/CSS MODULE 2

Date : 14.7.2024

Activity : Video lecture Response Portfolio Website[2] -Homepage & Main Sass

Learning outcome: I wrote finally code in HTML and CSS. I also saw the practical results of it on a website. I was proud that I was able to produce one page of a website, thanks to the guiding of the tutorial. There is still lot to be learned but I have started to get the idea little by little.

Date : 14.7.2024

Activity : Video lecture 6 – HTML+CSS+JS demo

Learning outcome: Javascript was little bit hard as I needed to refresh my memories with it. However I learned more about the possibilities of CSS and HTML.

Date : 14.7.2024

Activity : Video lecture 7 – CSS, part III -responsive

Learning outcome: I learned about to make a web page function in different sizes.

Date : 14.7.2024

Activity : Video lecture 3– JavaScript, part I

Learning outcome: I learned about JavaScript and how it functions...it doesn't seem too hard as I previously remembered, although I'm still not completely sure how var, con and let are to be used correctly.

Rotating Menu Button MODULE 3

Date : 20.7.2024

Activity : Video lecture: Response Portfolio Website[3] -Homepage & Rotating Menu Button

Learning outcome: Following the latest lecture went well but then something went wrong in my code. The tree line "hamburger button" didn't react to my clicks. I'm wondered if there was something wrong in the main.js file but everything is okay..I even tried to run a direct copy of the same file but it didn't work. The error is somewhere else...perhaps in the index.html or maybe it's the npm that is again not working.

Regardless...I have started to get the idea of the scss and html and js. But apparently not enough to solve this current problem.

Menu Overlay & Responsiveness MODULE 4

Date : 21.7.2024

Activity : Video lecture: *Response Portfolio Website[4] -Menu Overlay & Responsiveness*

Learning outcome: I was able to fix the previous problem with menu button by fixing one line of code in index.html. It was the code line that connected to the js -file. It was a simple writing error. I learned about menu overlays and media queries. However I somehow manage to mess up my menu so that the menu option were no longer from top to down in square formation, but in all over the page.

Page With CSS Grid MODULE 5

Date : 27.7.2024

Activity : Video lecture: *Response Portfolio Website[5] -About Page With CSS Grid*

Learning outcome: I learned about the usefulness of grid. In addition the creation of the About page wasn't difficult and it was helpful at remembering how to create a HTML page. There were some minor problems, namely the footer not sticking at the bottom and that the portrait refused to be circle instead of a square.

Work and Contact Pages MODULE 6

Date : 28.7.2024

Activity : Video lecture: *Response Portfolio Website[6] -Work & Contact Pages*

Learning outcome: Nothing extremely special happened as the material and the topic on the video was easy to follow and somewhat familiar. I was also able to finally fix a problem with my menu overlay. Turns out that I had couple extra `` which messed up my menu. Mostly this lesson helped at refreshing my memory about all lines of code that the HTML and CSS have to offer.

Website Deployment MODULE 7

Date : 30.7

Activity : Video lecture: *Response Portfolio Website[7] -Website Deployment*

Learning outcome: I learned how to put my coded website on github. I ran into some problems with github. First it didn't want to push my code into github. And after that I ran into another npm problem when executing the command `npm i gh-pages` on terminal. Apparently github no longer supports an older version of TLS and now requires that TLS 1.2 is used. I tried to update both node.js and npm but it didn't work. Thus this means that I was unable to host the codeproject on pages.github

Link to the video demonstration:

<https://drive.google.com/file/d/1Y-72HcpZMOWHmCe6MXJIUnnN-XgZIX-v/view?usp=sharing>