

# Exam - module 1

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## Tools and libraries used

- **VS Code** - Visual Studio Code (VSCode) is a highly customizable, feature-rich source code editor developed by Microsoft, known for its extensive ecosystem of extensions, built-in debugging capabilities, and support for various programming languages and frameworks.
- **ChatGPT** - ChatGPT is an AI language model developed by OpenAI that leverages deep learning techniques to generate human-like text responses and engage in natural language conversations across a wide range of topics and contexts.
- **TailwindCSS** - Tailwind CSS is a utility-first CSS framework that enables rapid UI development by providing a comprehensive set of pre-built utility classes for styling HTML elements. Use of Tailwind requires installation of Node.js (Javascript).
- **DaisyUI** - DaisyUI is a component library for Tailwind CSS that enhances development efficiency by offering a collection of customizable UI components built with Tailwind's utility-first approach.
- **Herolcon** Open-source SVG icon sets for web projects. Clean, versatile designs covering various categories. Easy to use, customizable, and lightweight.

## Important prompts used with ChatGPT

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- How do I change the fonts used for buttons?
- How would I use a thinner font?
- How would I add a border to my btn-secondary buttons?
- Can you describe Tailwind CSS in one sentence?
- and DaisyUI
- and ChatGPT
- and Herolcon
- and VSCode
- How do I increase font size, set headings etc. in daisyui / tailwindcss?
- Regarding width, is w-96 the biggest width supported?
- How do I add Georgia as a serif font in my tailwindcss project?
- In daisy ui, how do I set the text color of a button styled with btn-secondary?
- How do I increase font size, set headings etc. in daisyui / tailwindcss?
- Regarding width, is w-96 the biggest width supported?
- Provide a page to showcase all DaisyUI components with the applied theme.
- Fix the issue with the top-level divs not filling out the entire width when using `mx-auto`.
- Include all components in the provided HTML.
- Set up fonts using DaisyUI.
- Add Open Sans as a custom font in DaisyUI.
- Can you summarize the prompts I've used in this session as a markdown list? 😊

## Daisy Ui and Tailwind CSS - why I chose to use a library over a custom CSS

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When we were told we could use almost anything to code, I wanted to explore how to use libraries. I read about different libraries/frameworks which would be possible to implement a design system in. Bootstrap, Material UI, and TailwindCSS showed up as promising candidates. I choose Tailwind CSS because there was much excitement over the time you could save by not switching back and forth between CSS and HTML all the time. Writing CSS yourself can often add unintended changes to other parts of HTML pages.

It took quite some time to learn and getting used to the names of the classes and how the library is set up, but I think the choice was right although I was frustrated at first. I also used a library which is based upon TailwindCSS, namely DaisyUI. DaisyUI is much more like a customizable design system where you can override existing themes and apply your own colors, fonts and round edges.