**Learning Journal 1**

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This week, I worked on creating a simple website for my startup business as part of my first practical assignment. The task required me to build a website with at least three pages (or sections) that would clearly explain my business idea, including text and images. The website also needed to be published online, and I had to submit the URL along with a learning journal entry.

**Step 1: Planning the Website Structure**

Before writing any code, I planned the structure of the website. I decided to create a multi-page website with the following sections:

1. **Home Page**: This would introduce my business, its mission, and key offerings.
2. **About Us**: This section would provide more details about the business, including its history, values, and team.
3. **Contact Us**: A page where users could find contact information and a form to reach out to the business.

I also considered using a single-page design with sections, but I felt that separate pages would make the website more organized and easier to navigate.

**Step 2: Writing the HTML Code**

Once the structure was clear, I started writing the HTML code for each page. I used basic HTML tags to create headings, paragraphs, lists, and links. For the **Home Page**, I included a welcoming message and a brief description of the business. The **About Us** page contained more detailed information about the business, such as its history and mission. The **Contact Us** page included a simple form for users to submit their inquiries.

I also added images to make the website visually appealing. For example, I included a logo on the homepage and some product images on the About Us page. I used the <img> tag to embed these images and ensured they were appropriately sized.

**Step 3: Styling with CSS**

After completing the HTML structure, I moved on to styling the website using CSS. I created a separate CSS file (styles.css) to keep the code organized. I focused on making the website visually consistent by using a cohesive color scheme, fonts, and layout. I also ensured the website was responsive, so it would look good on both desktop and mobile devices.

**Step 4: Publishing the Website on GitHub**

Once the website was completed, I published it online using **GitHub Pages**. I created a new repository on GitHub and uploaded all the website files, including the HTML, CSS, and image files. After pushing the files to the repository, I enabled GitHub Pages in the repository settings to generate a live URL for the website. This allowed me to share the website with others and test its functionality in a real-world environment.

**Challenges and Learnings**

One of the challenges I faced was ensuring the website was responsive. I had to experiment with different CSS properties, such as flexbox and media queries, to make sure the layout adjusted properly on smaller screens. I also learned the importance of testing the website on multiple devices to ensure a consistent user experience.

Another challenge was creating a simple yet effective contact form. I wanted to make sure the form was easy to use and collected the necessary information without overwhelming the user. I used basic HTML form elements and added some basic validation using JavaScript.

**Conclusion**

This week’s task was a great introduction to web development. I learned how to plan, structure, and build a simple website from scratch. I also gained experience in using HTML, CSS, and basic JavaScript to create a functional and visually appealing website. Publishing the site on GitHub Pages was a straightforward process, and it allowed me to share my work with others easily. Moving forward, I plan to improve the website by adding more interactive features and refining the design.