In this worksheet, the focus is on creating an HTML document and learning how to code common tags that create a webpage. It begins with creating a new GitHub repository followed by an index.html file in Visual Studio Code. Followed by structuring the code tags, “<body></body>”, “<h></h>” etc. in the right following order so that the data within sits neatly and is presented how we want it to be. Furthermore, an important repetitive process to remember was to save, commit and push our code into the GitHub repository.

Whilst completing the task I managed to easily read through and implement all coding tasks provided. However, the only challenge I came across at that start was forgetting a few times to repeat the save, commit, and push code process. But shortly after it became natural to me, I was able to follow the task and stay consistent with the GitHub save process. Throughout the other coding tasks, I am happy to say I remember each time do save my updates to the GitHub repository.

During this task, I was proud to say that I had also easily understood the coding tasks. Despite that, one problem that occurred during the implementation was my image source code tag was not working at the start. After tracing through my steps I identified that the problem was my misspelling, this led to my image not displaying on the webpage. After spelling the path name of my image correctly. The image was visible and structured accurately according to the task.

During this task, I was proud to have easily understood the coding tasks. However, one issue occurred during the implementation: my image source code tag didn't work initially. Upon reviewing my steps, I discovered that the problem came from a misspelling, causing the image not to display on the webpage. Once I corrected the path name spelling for the image, it became visible and was accurately structured according to the task's requirements.

Throughout this task, I was able to move through all the steps swiftly up until step 7 which I found quite challenging, it was designating the column to appear vertically rather than horizontally. After looking back at the steps within the worksheet I figured that by changing my flex-direction in the CSS stylesheet from a ‘row’ to a ‘column’ I was able to resolve the problem successfully.

Throughout this task, I smoothly progressed through all the steps until I reached step 7, which presented a fair challenge. Although, upon reviewing the worksheet's steps, I realised that modifying the 'flex-direction' property in the CSS stylesheet from 'row' to 'column' enabled me to resolve the issue effectively. This was a rewarding experience for me, significantly boosting my confidence in problem-solving when it comes to HTML and CSS.

During this task, I was quick to learn and go through the steps efficiently. In addition, I found the creation of button links to new HTML webpages very helpful as I was able to implement this process within my Website design to make it easier for the viewer to navigate around the site. One challenge I came across was I stumbled upon a dead image link which led to my image not displaying. However, after quick research, I was able to find a more reliable site that provided working image links which I had used in my example.

Throughout this task, I quickly understood the steps and was able to implement them within my Web page. The creation of button links for new HTML web pages was significantly useful which improved the site's navigation. However, I faced a challenge when a dead image link caused my image to not display. Fortunately, a quick research session led me to a more reliable source for functional image links, which I then integrated into my example.

An axial typographic system is a way of organising the text elements within a layout by consistent alignment such as aligning text on an axis. For example, I have created my aligned text on an angled axis which follows the direction of angled shape. Furthermore, the text outside is symmetrical pointing in the same direction of the shape

An axial typographic system organises text elements in a layout through consistent alignment, often aligning text along an axis. For example, I've arranged my text along an angled axis, following the direction of a specific shape. Additionally, the text positioned outside maintains symmetry by pointing in the same direction as the shape.

A radial typographic system organises text elements to radiate outward from a central focal point, allowing the text to flow in a circular or radial direction. For instance, I created an eclipse shape in the center of the design. By aligning and shaping the text to follow the curves of the shape, the text flows outward in a consistent and visually appealing way, which guides the viewer’s attention from the center to the border of the layout.

A dilatational typographic system arranges text along circular paths instead of radiating solely from a central point. It employs different text sizes to highlight essential information but also establish a visual hierarchy within the design. For instance, in my demonstration, I've showcased a hierarchy of smaller visual circles that gradually enlarge by size, creating a prominent focal point.

A transitional typographic system focuses on altering text styles within a design, implementing various fonts, sizes, or styles to ensure a smooth transition between different sections of the layout. In my demonstration, I have created a consistent angled flow for the text. Additionally, I’ve varied the fonts in terms of thickness and size, placing emphasis on the thicker text enhance the visual appeal.

A random typographic system introduces unpredictability by arranging text elements without a specific pattern. It involves using different fonts, sizes or styles in a way that doesn’t follow an organised sequence. In my demonstration, my main text features a random pattern, and the spacing between certain text elements is deliberately unpredictable. Additionally, the smaller text flows in an unconventional pattern without coordination, creating irregular yet visually interesting elements.

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A grid typographic system relies on a structured layout foundation to organise and align text elements effectively. This approach involves constructing a grid and boxes to neatly arrange text in columns and rows. In my demonstration, I have constructed organised columns with boxes, maintaining consistent vertical alignment. The text placement within these boxes is centered, resulting in an easy-to-read and clean presentation.

A modular typographic system organises text elements using a consistent grid structure. In my demonstration, I arranged my text within circular modules and repeated this structure, using white space effectively to separate the content. This approach creates a visually appealing layout while ensuring easy alignment of the text elements.

A bilateral typographic system arranges text elements in a design to achieve balance on two sides. In my demonstration, I focused on maintaining the text symmetry between the top and bottom sides. I divided the content into groups and incorporated a non-objective circle shape that maintains symmetry. This organisation creates a visually pleasing structure.

**In creating my main poster design, I applied the CARP principles – Contrast, Alignment, Repetition, and Proximity- to guide my creative process. To demonstrate great contrast, I selected a black, white, and yellow color scheme. This complimented well against a black-and-white background image, allowing me to achieve a vintage aesthetic theme. The use of yellow served to highlight important information, ensuring its ease of notice. By highlighting the prices and keywords, amplified readability and clarity for the viewer.**

**To ensure the consistent alignment of elements, I utilised adobe illustrator’s grid layout feature, which allowed me to create guidelines around my poster to provide a structured frame, significantly assisting the organisation of elements on the page. In addition, implementing the flush left and right technique helped achieve a clean and precise alignment of all elements, which made the information clear and easy to follow, guiding the viewer’s focus seamlessly across the content.**

**Repetition played a significant role throughout my design, particularly through the consistent use of shapes that were used as boxes for presenting information. This consistent repetition established a unified and structured layout when displaying similar content, contributing to visual appeal and overall consistency. By employing this repetition, my aim was not only to enhance content interest but also to aid viewers in navigating the poster seamlessly, resulting in a cohesive and attractive design.**

**To ensure optimal proximity, I strategically grouped my related text elements within the poster design. For instance, the dates of the month were deliberately aligned vertically and consistently presented using box elements. The deliberate arrangement aids viewers in swiftly identifying connections between pieces of information, significantly enhancing the poster’s clarity and ease of understanding.**

**were repeated to create a consistent structure when displaying similar information added visual interest to the content but also made it easier for viewers to navigate through the poster.**

**I started the framework of my HTML and CSS website by using a prompt from ChatGPT (OpenAI, 2023), this gave me a straightforward flexbox website featuring a sticky header containing the website header and subsequent page links. This initial setup offered a relatively simple yet robust foundation, teaching me the basics of creating a sticky navigation bar that ensures easy navigation.**

**Throughout the coding worksheet process, I effectively applied numerous coding tags that I had learned, in particular utilising the flex-box containers within my graphic design webpage. This allowed me to gain a deeper understanding of their structured effectiveness, especially in organising images followed by text. However, I encountered a challenge as the box elements within the container appeared together without appropriate white space. Reviewing the coding worksheet slides helped me find a solution—I modified the 'justify-content' CSS property from 'center' to 'space-evenly,' effectively resolving the issue. These coding worksheets significantly aided my learning journey, improving my skills in HTML and CSS. As a result, my confidence in problem-solving has substantially grown throughout this module.**

**In the typographic system project, I began by selecting the color theme black and yellow as that would have coordinated well with my website design. This choice aimed to create a contrastive link with my previous Poster project, which shared a similar colour palette. Although I was new to Adobe Illustrator, I initially anticipated challenges. However, by following the tutorial guides available on Blackboard, I quickly gained insight. This learning experience significantly enhanced my understanding of Adobe Illustrator, allowing me to confidently use its tools for creating shapes, lines, and texts.**

**However, one challenge that I encountered was creating patterns with the text, which was for my random typographic system. Initially, I struggled to navigate the options available in the toolbar. Yet I discovered an ‘effect’ feature that offered a variety of text feature tools. Utilising the ‘warp text’ feature from these options allowed me to create the desired pattern I wanted. The most fulfilling aspect of this challenge was the growth in my understanding and skill set. Despite my initial struggles, I gained valuable knowledge and skills more quickly than I had anticipated.**

**My poster project was the one I was most excited about due to my experience with Adobe InDesign and Adobe Photoshop. Prior to creating the poster, I delved into Robin, W’s (2008) online design book, which offered useful insights into the CARP principles important for a good quality poster. I applied this knowledge, particularly focusing on achieving great alignment and proximity structure. Implementing the flush left and right technique, I attained a clean, precise arrangement of elements within my poster, strengthening information clarity and readability.**

**However, from the start, I faced a challenge with my choice of a male skater background image, which was not suitable for a poster targeting a girl skate clinic aimed at women. Realising this early on, I encountered a difficulty finding an appropriate image of a female skater that not only fit the content but also adhered to my alignment principles. It was a struggle, considering the limited availability of suitable images online.**

**Nevertheless, the most rewarding takeaway from this experience was realising the power of dedicated research efforts. Putting in the time and effort allowed me to discover reliable and fitting resources for my project content, a valuable lesson that significantly contributed to my project's success.**

**In conclusion, the GWDS project has been important in developing my skills, particularly in problem-solving and discipline. Furthermore, the experience has equipped me with a better understanding of various tools like Adobe software, GitHub, and more. These skills are key assets that will significantly benefit me in future assignments or independent tasks. I’ve gained not just confidence but also a genuine interest in utilising these newly acquired skills effectively.**

This allowed me to be more confident about my problem-solving skills as I am able to identify and resolve HTML and CSS problems.

I am happy to say that following this coding worksheets my understanding of HTML and CSS has grew a lot and I am now able to problem solve most of the problems I am faced with.