

We were introduced to the world of web designing through this class, the Web Design and Development. In this class, we learnt on the basic principles of designing and building websites. We focused on HTML and CSS in this class which are the common languages that most of the modern websites are built upon. HTML. HTML stands for Hypertext Markup Language which is the most basic building block of the web and it defines the meaning and structure of web content. HTML consists of a lot of important components and such as the tags or attributes we use (e.g.: head and body tags), character-based data types, character references and entity references. The tags are usually used in pairs but some tags such as the tag for line break can be used alone. The first tag in a pair is the start or opening tag, and the second is the end or closing tag. In this class we learned how to use the elements to define sections and help create a proper structure for the web page.

The formatting of a website is done by using the Cascading Style Sheet or CSS code language which is used for describing the presentation of a document written in a markup language like HTML. CSS is used to separate and format the presentation of the contents of the website that includes fonts, colors and layouts. CSS helps the website not only look aesthetically pleasing but also improves the user's accessibility to the content and provides more flexibility. The separation also helps to control presentation characteristics and enables more than one web page to share formatting when the relevant CSS code is linked in the main code of the page. This can also be done by creating a separate file with a CSS extension which helps in reducing complexity and the repetition of code.

Along with learning the very basics of HTML and CSS, we also learnt about classes and id to group elements and sort them according to their presentations. We also learnt about Pseudo-classes that are used in CSS selectors to permit formatting based on information that is not

contained in the document tree. We also learnt about how to make a website responsive to make it accessible in different media platforms. We used the “flexbox” to format the contents of the element according to the size of the screen they were being displayed on, which helped to make the website user friendly. The above artifact is the website I made from scratch and used almost all the concepts we learnt in this class.

If I had to change anything in the Website of Choice project, I would probably change my follow page and make it more interactive. I chose to do my website over Ed Sheeran as we had the option to it over anything that we preferred and would enjoy doing it. Without any doubt, this project was very fun to work on. Apart from this artifact, the website you are seeing right now is also one of the projects I started in this class. Throughout the creation of this project, I used the concepts I learnt in this class.