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Styling Websites with CSS

https://app.pluralsight.com/library/courses/styling-websites-css/table-of-contents

**Course Overview**

-Types of CSS

-Embedded: a <style> element contains a stylesheet within the head of an HTML file

-<> Inline: Styles are added as an HTML attribute

- CSS external: Styles are stored in a separate CSS file

-The Box Model

-Writing CSS rules

-Styling text and adding fonts

-Sizing Elements

-Different types of CSS selectors

**Creating Style Rules**

-Course Overview and Project Introduction

-creating stylesheets

-writing style rules

-styling text

-sizing elements

-add images, backgrounds and borders

-CSSZenGarden.com, using the style sheet you can see the style changes

-Understanding Inline and Embedded CSS

-Demo: in the index.html open in VS code, and open html in live server. There are 3 different ways to add CSS: embedded, inline, external.

-an inline is adding them inline by applying them to a specific element using a style attribute. It only affects a SINGLE html element, mixes presentation and structure, which isn’t considered best practice.

Diagram

Description automatically generated

-Embedded styles: styles contained in a <style> element, specific to a single HTML file, time consuming, really easy to miss a file or end up with small differences over time

-External stylesheet: CSS is stored in its file, applied through a <link> element, changes can be made in a single location, easy to maintain, and make changes in one single location, one link can apply to multiple files.

-Creating and Linking a Stylesheet

-To start create new folder “Styles”, create new file “main.css”, add in lines 12-72 from index.html to main.css, now link the css file to index.html.

-Writing Rules

**Styling Text**

-Module Overview and Formatting CSS

-Changing the Size, Weight, and Style of Text

-Altering Line-Height and Letter-spacing

-Aligning and Transforming Text

-Using Fonts for the Web

-Using Externally Hosted Fonts

**Sizing Elements**

-Module Overview

-Changing the Color and the Size of Elements

-Relative and Absolute Units

-Adding Borders and Outlines

-Adding Margins and Padding

-Understanding the Box Model

**Using Selectors**

-Module Overview

-IDs and Classes

-Combinators

-Psuedo Classes

-Course Conclusions