9/19/24

WDD 130 Prepare: Learning Activities Notes

Naming Convention Rules:

* Use all lowercase syntax
* Do not use spaces in names, instead use dashes
* Do not use special characters
* Use the shortest names possible
* We will be using standard folder names; styles and images.

Introduction to HTML:

* HTML stands for HyperText Markup Language
* It is one of three core technologies of the web (HTML, CSS and Javascript)
* HTML defines the structure of a document
* Hypertext refers to the way we can place hypertext links in our document that allows for users to move from one page to another
* Markup is a set of symbols of codes for displaying content on the internet

Video Notes:

Web Development Basics:

* The internet protocol is called TCP/IP
* TCP/IP stands for transmission control protocol/ Internet protocol
* The protocol used on the web is called “http” (Hypertext transfer protocol)

What is HTML?

* Having tags inside of other tags is called “nesting”

HTML Elements and Attributes

* Elements placed in the <header></header> tag will be displayed on your webpage
* Elements placed in the <footer></footer> tag will be displayed at the bottom of your webpage and will be carried over from one page to another

Image File Types

* BMP, GIF, PNG, JPG, SVG
* GIF: Supports 8-bit short animation
* PNG: Great for alpha transparency
* JPG: Supports compression
* SVG: Aren’t resolution dependent, often used for simple shapes and designs

Image Optimization for Web Pages

* Optimizing the size of an image can help increase loading times for webpages, helpful resources include PicResize and tinypng.