Web Development Summary

# HTML Section

## HTML

The skeleton/structure of every webpage.

## HTML Basic

The standard setup every HTML file needs to work properly.

## Elements

The building blocks of HTML (like paragraphs, headings).

## Attributes

Extra information we add to elements (like href in links).

## HTML Links - Hyperlinks

Clickable text that takes you to another page or website.

## HTML Images

How to add pictures to a webpage.

## HTML Page Title

The text that appears on the browser tab.

## HTML Lists

Creating bullet points or numbered lists.

## HTML Block and Inline Elements

Block = takes full width (like paragraphs), Inline = takes only needed space (like links).

## HTML Div Element

A container to group other elements for styling.

## HTML class Attribute

A name given to elements so CSS/JS can target them.

# CSS Section

## CSS Introduction

The styling language that makes HTML look good.

## CSS Syntax

The rules for writing CSS (selector {property: value}).

## CSS Selectors

How we choose which HTML elements to style.

## CSS Colors

Ways to define colors (names, HEX, RGB).

# JavaScript Section

## What is JavaScript?

The programming language that makes webpages interactive.

## JavaScript Statements

Single commands the browser executes.

## JavaScript Syntax

The grammar rules for writing JS code.

## JavaScript Variables

Containers that store data (like 'let age = 25').

## JavaScript Let

A way to declare variables that can change later.

## JavaScript Const

A way to declare variables that never change.

## JavaScript Operators

Symbols that perform operations (+, -, =, etc.).

## JavaScript Arithmetic

Math operations in code (+, -, \*, /).

## JavaScript Assignment

Giving values to variables (=, +=, etc.).

## JavaScript Data Types

Different kinds of data (numbers, text, true/false).