

✓ Week 1: HTML – The Structure of the Web

Theory:

- What is HTML? HyperText Markup Language – the backbone of every webpage.
- Basic HTML Document Structure: `<!DOCTYPE html>`, `<html>`, `<head>`, `<body>`
- Headings (`<h1>`–`<h6>`), Paragraphs (`<p>`), Line Breaks (`
`).
- Lists: Ordered (``) & Unordered (``).
- Links (`<a>`), Images (``), Tables (`<table>`) and Forms (`<form>`).
- Semantic HTML: `<header>`, `<nav>`, `<main>`, `<footer>`.

Practical:

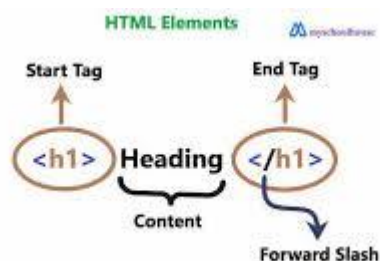
- Create a simple profile page:
 - Add your name, a photo, a short bio, and links to your social media.
- Create a list of your hobbies using `` and ``.
- Add a simple contact form.

Visuals:

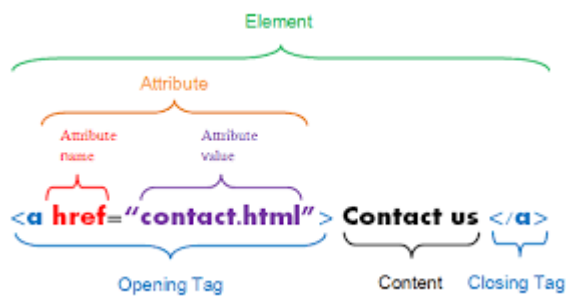
- Screenshot of a basic HTML page.



- Diagram showing how elements are nested.



- Photo: Tags vs Content vs Attributes explained.



✓ Week 2: CSS – Styling the Web

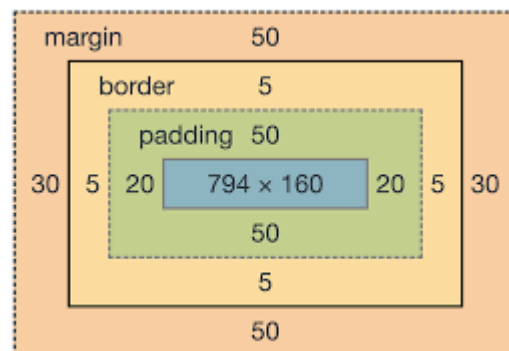
📖 Theory:

- What is CSS? Cascading Style Sheets – for styling.
- How to link CSS to HTML (<link> tag in <head>).
- CSS Selectors: element, class (.class), ID (#id).
- Colors, Fonts, Text Alignment.
- Box Model: Margin, Border, Padding, Content.
- Display: block, inline, inline-block.
- Flexbox basics: display: flex;.

📝 Practical:

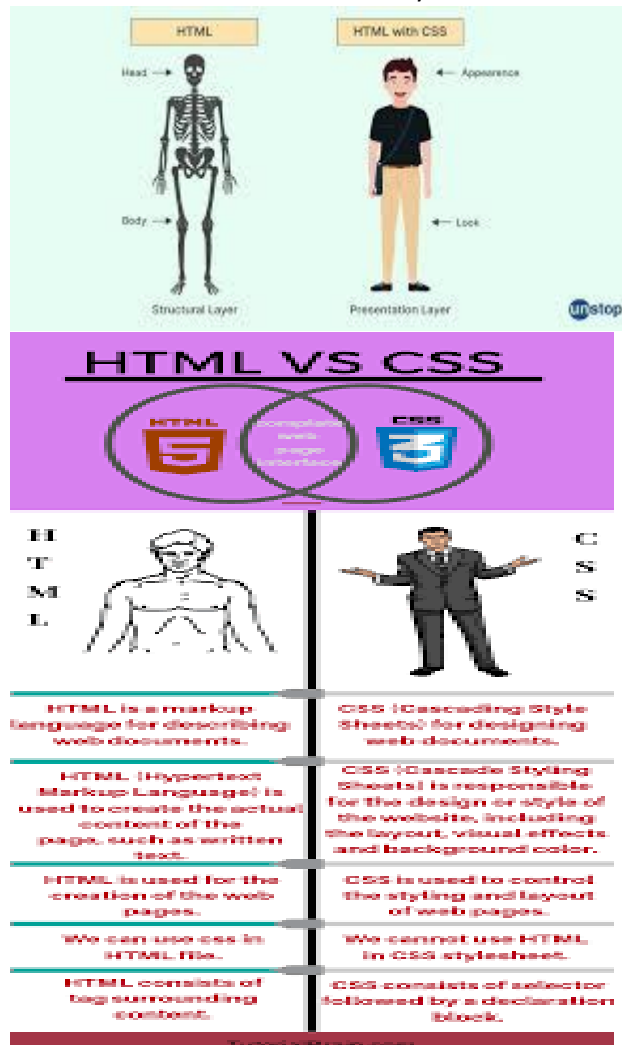
- Style your Week 1 profile page:
 - Add background colors.
 - Change fonts and text sizes.
 - Add margins, padding, and borders.
 - Center your content with Flexbox.

🖼️ Visuals:

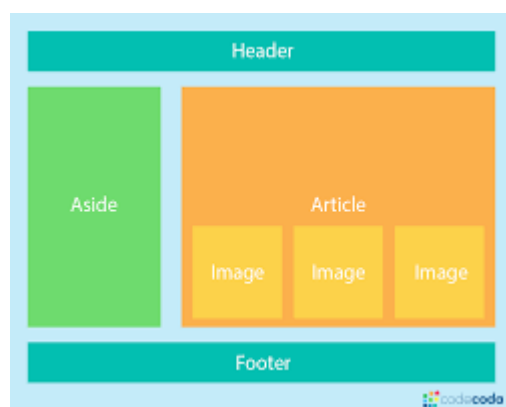


- Image of the CSS box model.

- Before and after: Plain HTML vs Styled with CSS.



- Example Flexbox layout.



✓ Week 3: JavaScript – Adding Interactivity

📖 Theory:

- What is JavaScript? – the language that makes webpages dynamic.
- How to add JS to HTML: `<script>` tag.

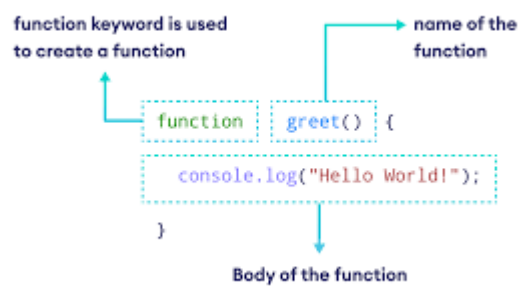
- Variables (let, const).
- Basic Data Types: String, Number, Boolean.
- Functions: `function greet() {}`.
- Events: `onclick`, `onchange`.
- DOM Manipulation: `document.getElementById`.
- Simple Conditionals (if/else).

Practical:

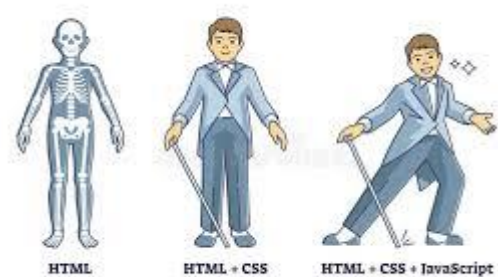
- Add a button to your profile page: When clicked, it shows an alert.
- Make your contact form show a thank you message when submitted.
- Change the color of a paragraph when the user clicks it.

Visuals:

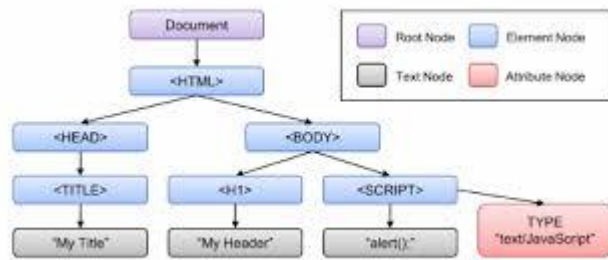
- Screenshot of a simple JS function.



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- Diagram: HTML + CSS + JS working together.



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- Example of a simple DOM tree.



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✓ Week 4: Project Week – Bringing it All Together

📖 Theory:

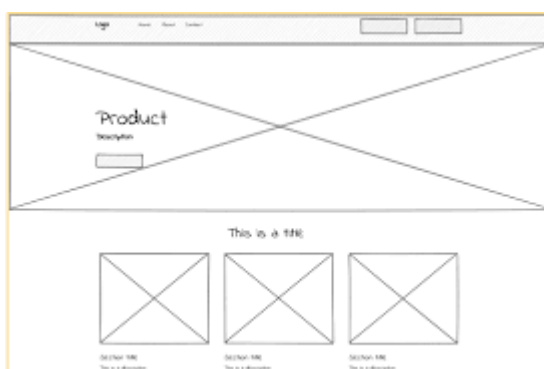
- How to plan a project: Wireframe your site on paper first.
- Best practices: Clean code, indentation, comments.
- Introduction to responsive design (media queries).

📝 Practical:

- Build a small portfolio website:
 - Homepage: About you, photo, and skills.
 - Projects page: List your practice projects.
 - Contact page: Contact form with JavaScript validation.
- Host your site for free on GitHub Pages or Netlify.

🖼️ Visuals:

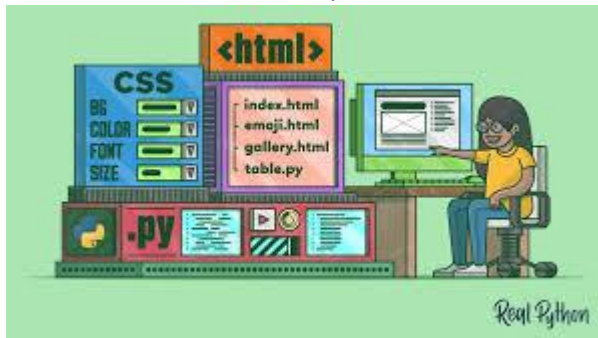
- Wireframe sketch of a simple site layout.



- Screenshots of student projects.



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- Before and after: HTML only → HTML + CSS + JS.



📌 Extra Tips:

- ✓ Keep each lesson practical – spend 50% on code-along.
- ✓ Use real examples: personal bio, a hobby site, or a club page.
- ✓ Encourage students to share screenshots in a group chat to stay motivated.
- ✓ Take pictures of them coding for your page promotion!