ABOUT HTML and CSS

HTML (HyperText Markup Language)

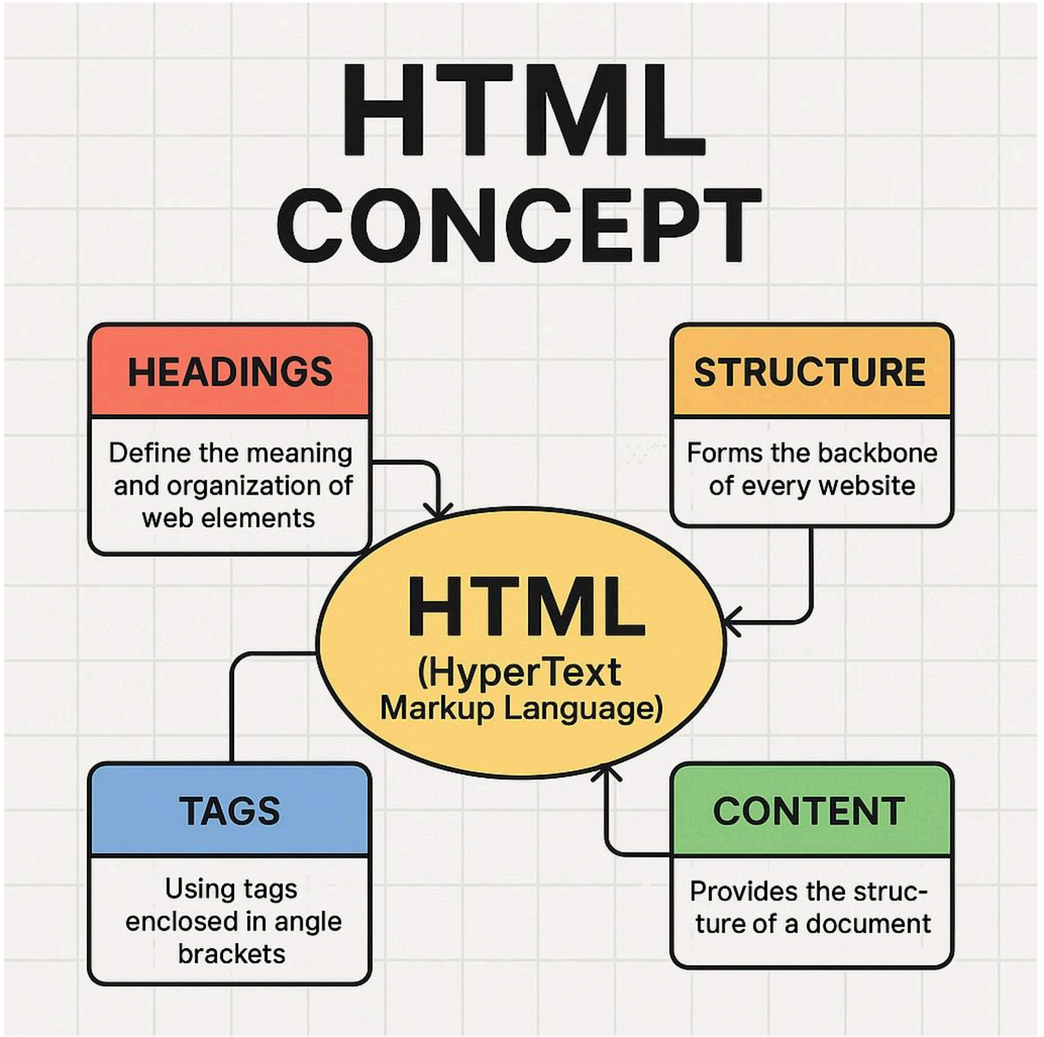
HTML is the standard language used to create and structure content on the web. It defines the meaning and organisation of web elements such as headings, paragraphs, links, images, and tables—using tags enclosed in angle brackets. HTML forms the backbone of every website, providing the structure that is then styled with CSS and made interactive with JavaScript.

CSS (Cascading Style Sheets)

CSS (Cascading Style Sheets) is a language used to style and design web pages. It controls how HTML elements look—such as colours, fonts, layouts, and spacing—making websites visually appealing and consistent across different devices.

HTML and CSS work together to build and style web pages HTML provides the structure and content, while CSS controls the design and layout. When using internal CSS, the styling rules are written inside the <style> tag within the HTML file, allowing you to apply styles directly to that page**.**

ABOUT HTML and CSS



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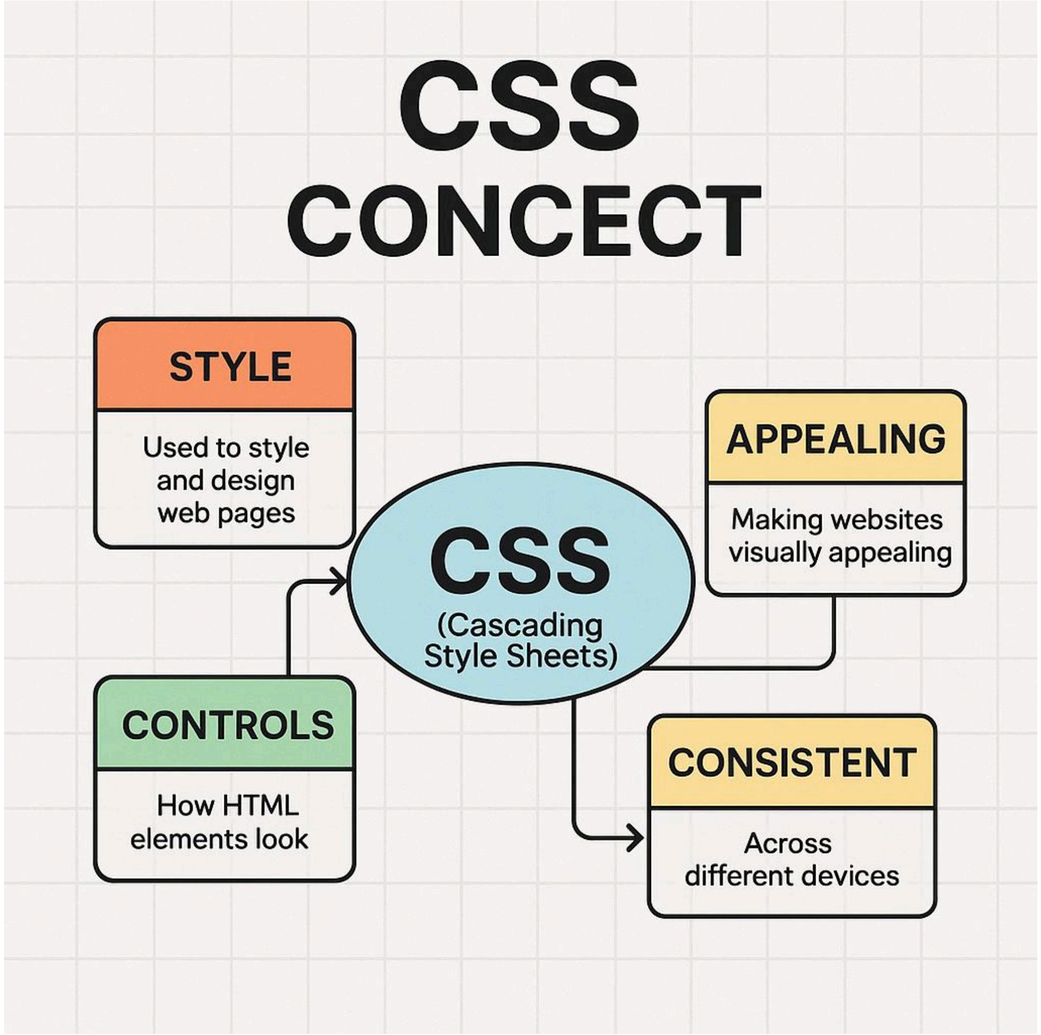
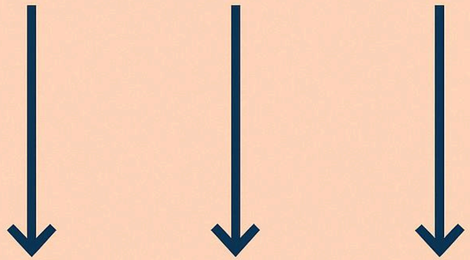


ABOUT HTML and CSS

CSS SELECTOR

A CSS selector is used to target and select HTML elements.

```
selector {value;}
```



SELECTOR
Selects the HTML element to style

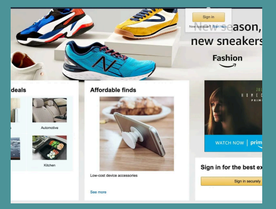
PROPERTY
Defines the style effect to apply

VALUE
Specifies the value of the property

ABOUT HTML and CSS

HTML (HyperText Markup Language)

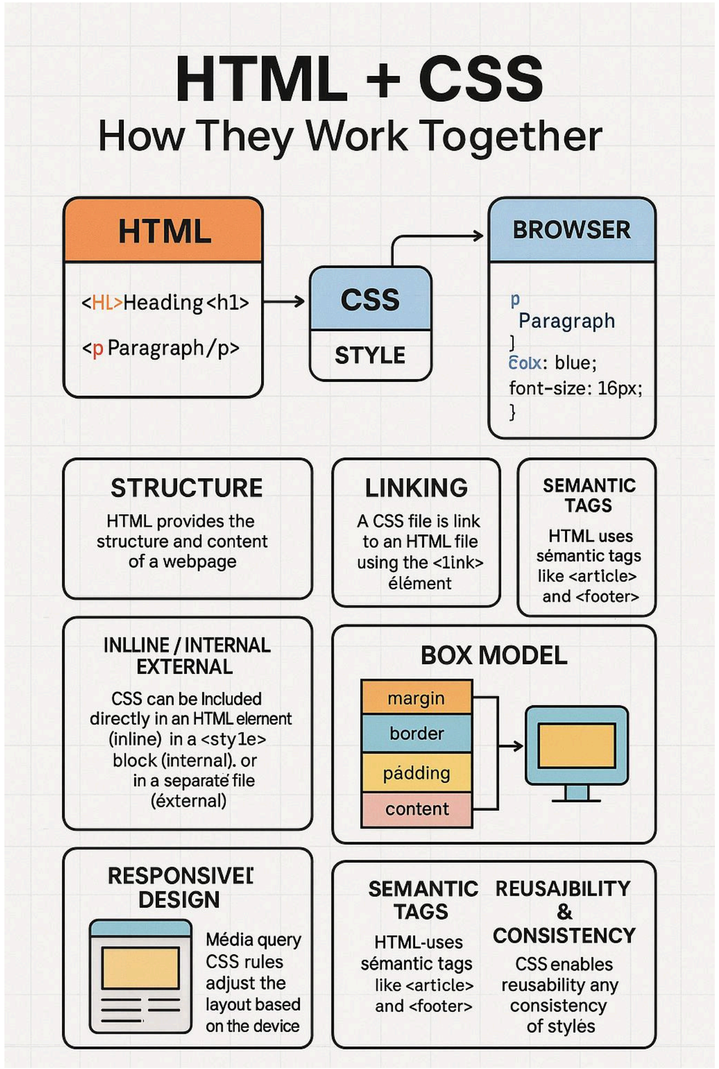
CSS (Cascading Style Sheets)



External CSS is when styles are written in a separate .css file and linked to an HTML page using the <link> tag inside the <head> section. This keeps the design code separate from the content, making it easier to manage and apply the same styles across multiple pages.

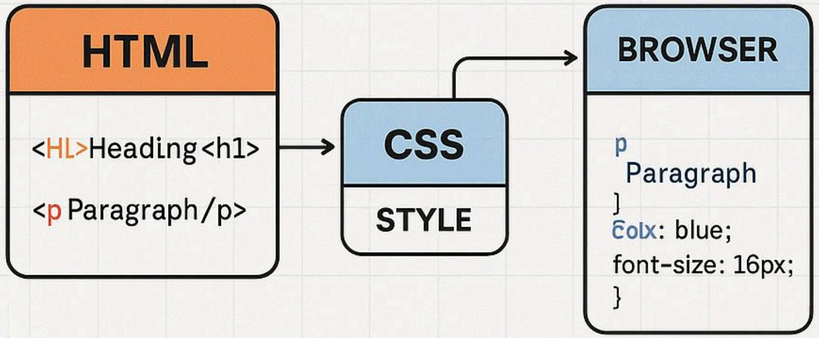
<link rel="stylesheet" href="style.css">

ABOUT HTML and CSS



HTML + CSS

How They Work Together



STRUCTURE

HTML provides the structure and content of a webpage

LINKING

A CSS file is link to an HTML file using the <1ink> élément

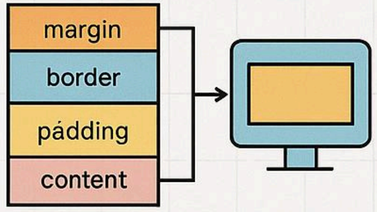
SEMANTIC TAGS

HTML uses sémantic tags like <artıcle> and <footer>

INLLINE / INTERNAL EXTERNAL

CSS can be Included directly in an HTML element (inline) in a <sty1e> block (internal). or in a separate file (éxternal)

BOX MODEL



RESPONSIVEI DESIGN

Média query CSS rules adjust the layout based on the device

SEMANTIC TAGS

HTML-uses sémantic tags like <article> and <footer>

REUSAJBILITY & CONSISTENCY

CSS enables reusability any consistency of styles