

Software Development

Foundations
Lesson 2

Agenda

- 01.** Markup recap
- 02.** HTML5
- 03.** DOCTYPE
- 04.** id attribute
- 05.** HTML layout

Learning objectives

Create a simple HTML document

Markup recap

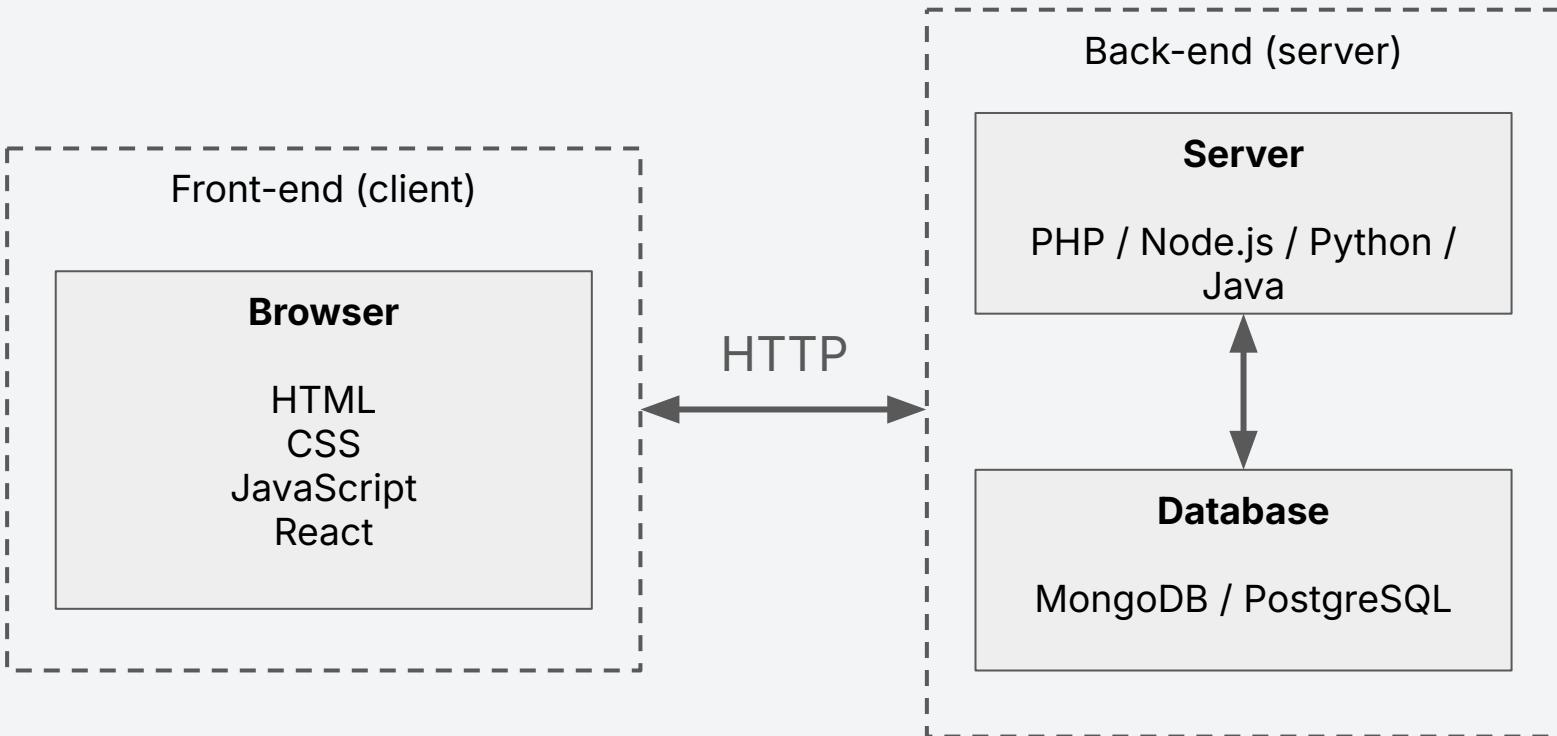
Review HTML elements reference page on MDN:

- What do you think looks odd?
- What makes perfect sense?
- What looks useful?

HTML history

1989	1995	2000	2008	2019
HTML created as a way to create pages for the Web	The World Wide Web Consortium (W3C) took responsibility for HTML	XHTML 1.0 (HTML that is valid as XML) was published	HTML5 released after concerns with XHTML from browser vendors (Apple, Mozilla, Opera)	W3C cedes authority for HTML and DOM standards to WHATWG who have created a "Living Standard"

Tech stack for the Web



DOCTYPE

- Declares Document Type
- Triggers Standards Mode
- Ensures Consistent Rendering
- Simplifies HTML
- Validates Document as HTML5

Exercise

Use [basic_homepage.html](#) as reference(can be downloaded from LMS as well), create a full webpage for a different type of shop with HTML

Ensure you use **<!DOCTYPE>**, **<head>** and **<body>**

Experiment with other tags from

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element>

Be ready to show your page to the class

Break

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id attribute

Purpose of id attribute

Exercise: Add ids to every heading from the previous exercise

Exercise (40-50 mins)

Create an HTML document with the menu for a restaurant

It must have:

- 4 food items
- 3 drinks
- Include pictures with the tag

HTML layout

- **<header>** - Defines a header for a document or a section
- **<nav>** - Defines a set of navigation links
- **<section>** - Defines a section in a document
- **<article>** - Defines an independent, self-contained content
- **<aside>** - Defines content aside from the content (like a sidebar)
- **<footer>** - Defines a footer for a document or a section
- **<details>** - Defines additional details that the user can open and close
- **<summary>** - Defines a heading for the **<details>** element

For next class

**Build a basic page that includes
information about your favorite musician,
their skills, and pictures and videos**