

# 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

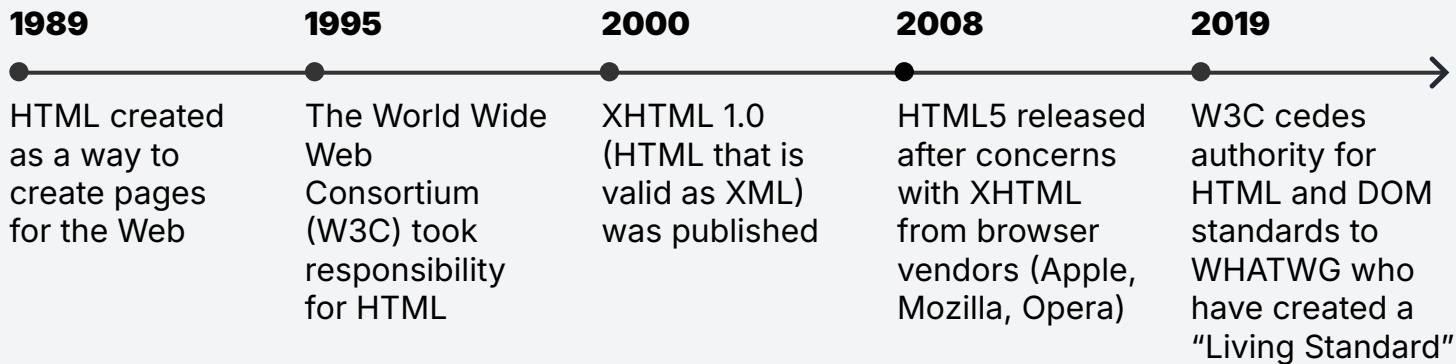
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Review HTML elements reference page on MDN:

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

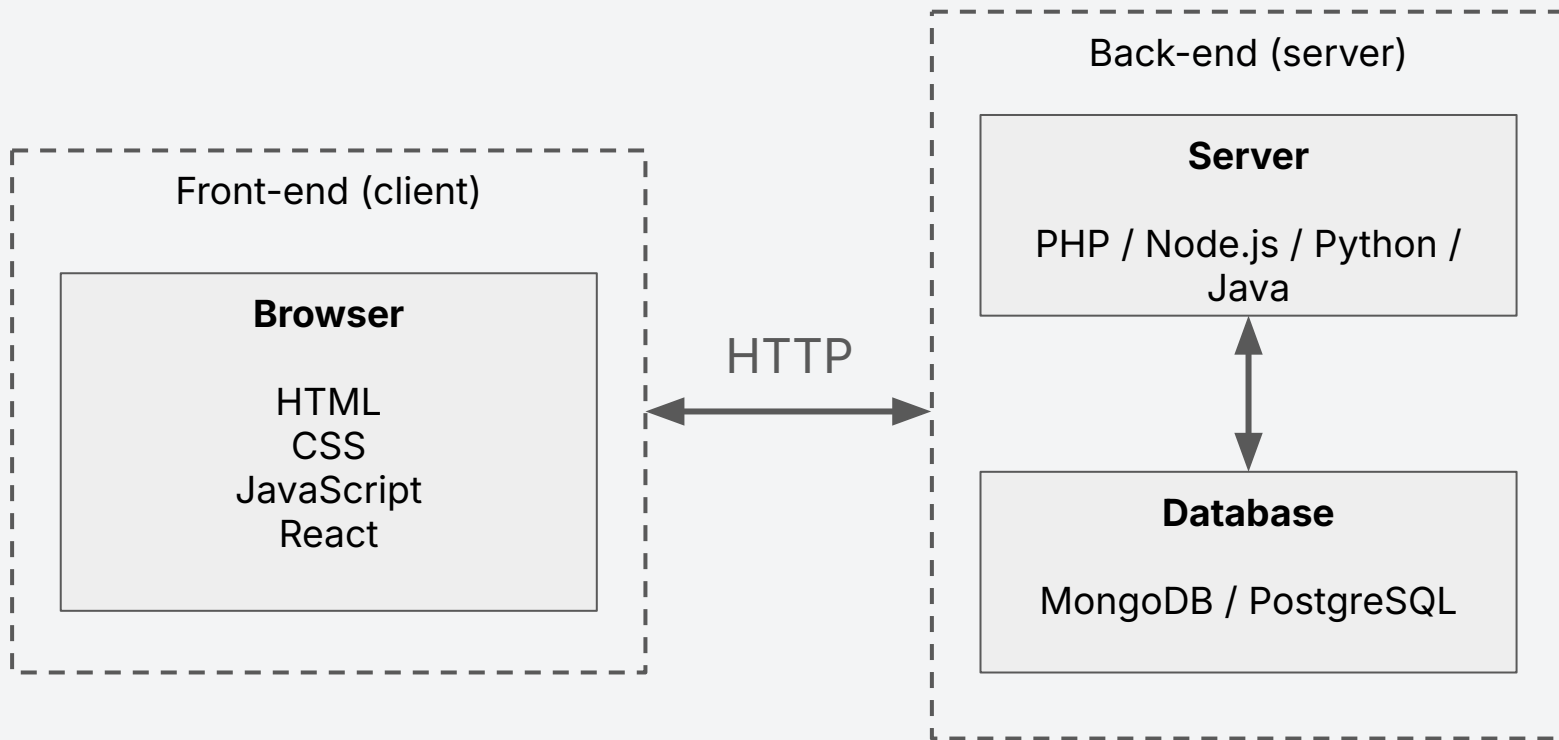
# HTML history

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# Tech stack for the Web

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# DOCTYPE

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

# Exercise

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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

# Agenda

01. ~~Markup recap~~

02. ~~HTML5~~

03. ~~DOCTYPE~~

04. id attribute

06. HTML layout

# id attribute

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Purpose of id attribute

**Exercise:** Add ids to every heading from the previous exercise

# Exercise (40-50 mins)

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Create an HTML document with the menu for a restaurant

It must have:

- 4 food items
- 3 drinks
- Include pictures with the **<img>** tag

# HTML layout

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- **<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**