

HTML Lesson Plan

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Introduction

- How a website works
- What is HTML
- First HTML code

Development Environment

- VScode: <https://code.visualstudio.com/>

Lesson 1 - HTML Basics

- HTML Boilerplate
- Head vs Body
- Paragraph <p>
- Headings (<h1> to <h6>)
- HTML comments
- Attributes
- class & id

Exercise for HTML Basics

Create a simple webpage where you introduce a hobby. Use headings for structure and paragraphs for details.

Lesson 2 - Text Elements

- Strong
- Bring attention to
- Emphasis
- Idiomatic <i>
- Creating list , ,
- Nesting list
- Nesting elements
- Inline vs Block elements

Exercise for Text Elements

Properly mark up the following text below using text elements:

How to cook an egg

Ingredients

Egg

Salt

Oil or butter

Step 1: Prepare the pan

Place a non-stick pan on the stove and turn the heat to medium. Add the oil or butter.

Step 2: Crack the egg

Gently crack the egg into the pan, being careful not to break the yolk.

Step 3: Cook the Egg

Let it cook for 2–3 minutes until the white is firm. Add salt to taste.

Step 4: Serve

Carefully remove the egg from the pan and serve it on a plate.

Lesson 3 - Links and Images

- `Go to Facebook`
- ``

Lesson 4 - HTML Semantics

- What is semantics? Making the website's content meaningful. Semantics are crucial for improving a website's accessibility, search engine optimization (SEO), and maintaining code.
- ``, spans are generic inline elements. They have no special meaning. It is mostly used for styling texts within text elements using CSS. You should only use it when there are no other meaningful elements to use.
- `<div>`, divs are generic containers. They have no special meaning. It is mostly used for grouping elements together and styling them. The difference between `` and `<div>` is that divs are block elements, they take up the whole block of space. You should only use it when there are not other meaningful elements to use.