

1. Introduction to HTML

- 1.1 What is HTML?
- 1.2 History and Evolution of HTML
- 1.3 Basics of Web Development
- 1.4 Tools for Writing HTML

2. HTML Structure

- 2.1 Basic HTML Document Structure
- 2.2 DOCTYPE Declaration
- 2.3 HTML Tags, Elements, and Attributes
- 2.4 Nested and Empty Elements

3. Text and Formatting

- 3.1 Headings (`<h1>` to `<h6>`)
- 3.2 Paragraphs (`<p>`)
- 3.3 Text Formatting Tags (e.g., ``, `<i>`, ``, ``)
- 3.4 Line Breaks (`
`) and Horizontal Rules (`<hr>`)

4. Working with Links

- 4.1 Anchor Tags (`<a>`)
- 4.2 Internal and External Links
- 4.3 Linking to Email and Phone Numbers
- 4.4 Adding `target` and `rel` Attributes

5. Images in HTML

5.1 Adding Images with `` Tag

5.2 Attributes: `src`, `alt`, `width`, and `height`

5.3 Image Optimization for Web

6. Lists

6.1 Ordered Lists (``)

6.2 Unordered Lists (``)

6.3 Nested Lists

6.4 Definition Lists (`<dl>`)

7. Tables

7.1 Creating a Basic Table

7.2 Table Headers, Rows, and Cells

7.3 Spanning Rows and Columns (`rowspan` and `colspan`)

7.4 Table Styling with Attributes

8. Forms

8.1 Form Basics and Structure (`<form>`)

8.2 Input Types (`<input>`, `<textarea>`, `<select>`)

8.3 Form Attributes (`action`, `method`, `name`)

8.4 Validation and Placeholder Text

9. Multimedia in HTML

9.1 Embedding Videos (`<video>`)

9.2 Embedding Audio (`<audio>`)

9.3 Using `<iframe>` for Embedding Content

10. Semantic HTML

10.1 Introduction to Semantic Elements

10.2 Common Tags: `<header>`, `<footer>`, `<article>`, `<section>`

10.3 Accessibility and SEO Benefits

11. Advanced Topics

11.1 HTML5 New Features

11.2 Global Attributes

11.3 Data Attributes (`data-*`)

11.4 HTML APIs (Drag and Drop, Geolocation)

12. Best Practices

12.1 Writing Clean and Organized Code

12.2 Proper Use of Indentation and Comments

12.3 Avoiding Deprecated Tags

12.4 Cross-Browser Compatibility

13. Project

13.1 Building a Simple Personal Website

13.2 Using Forms and Multimedia

13.3 Linking Pages and Adding Styling (Optional)