

Day 1: HTML Fundamentals & Page Structure

Topics:

- What is HTML
- Basic structure: `<!DOCTYPE>`, `<html>`, `<head>`, `<body>`
- Headings, paragraphs, line breaks, horizontal lines
- Text formatting tags: ``, `<i>`, ``, ``, `<mark>`, etc.
- Comments and white space

Practice:

- Create a simple page with heading, paragraph, horizontal rule, and various formatting tags

Mini Project:

- **"Personal Introduction Page"**
Include name, bio, favorite quote, and styled text.

Day 2: Lists, Links, and Images

Topics:

- Lists: Ordered, Unordered, Nested
- Anchor tags: `href`, `target`, `download`
- Image tag: `src`, `alt`, `title`, sizes

Practice:

- Create a webpage that uses all list types
- Create a webpage with external/internal links and images

Mini Project:

- **"My Favorites Page"**
Show favorite books/movies with links and images.

Day 3: Tables, Iframes & Multimedia

Topics:

- Tables: Rows, columns, headers, merging, styling
- Iframes: embedding YouTube, maps, other sites
- Multimedia: `<audio>`, `<video>`

Practice:

- Build a timetable/schedule using tables
- Embed a YouTube video and Google Map using iframe

Mini Project:

- **"Music Album Page"**
Include album art, table of tracks, and embedded audio/video.

Day 4: Forms & Input Elements

Topics:

- Form structure: `<form>`, `<input>`, `<label>`, `<textarea>`, `<button>`
- Input types: text, password, email, date, range, checkbox, radio, file
- Grouping: `<fieldset>`, `<legend>`
- Form validation basics: `required`, `min`, `max`, `pattern`

Practice:

- Create a registration form with all input types

Mini Project:

- **"Contact Us Form"**
Includes validation and all essential fields
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Day 5: Semantic HTML + HTML5 Features

Topics:

- Semantic tags: `<header>`, `<footer>`, `<nav>`, `<main>`, `<section>`, `<article>`, `<aside>`
- HTML5 APIs overview (basic): geolocation, drag/drop (brief)
- Meta tags: charset, viewport, description

Practice:

- Convert a non-semantic page to semantic HTML

Mini Project:

- **"Simple Blog Page"**
With header, nav, articles, and footer
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Day 6: Layouts & Responsive Basics

Topics:

- Grouping: `<div>`, layout with inline-block and basic CSS
- Introduction to responsive meta tag
- HTML structure for grid layouts
- Accessibility overview (alt text, labels, headings hierarchy)

Practice:

- Create a 3-column HTML structure using divs

Mini Project:

- **"Product Landing Page"**
With navigation, sections, product features
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Day 7: Revision + Final Project

Morning: Quick Revision

- Go over all tags and topics
- Flashcards/cheat sheet

Midday: Practice + Debug

- Fix and polish previous projects

Final Project:

- **"Portfolio Website (Multi-Page)"**
 - Home, About, Projects, Contact
 - Use semantic HTML, forms, media, tables, and responsive layout

Evening: Self-evaluation

- Review what you built
- Make a checklist of HTML tags & features used