







100 PROJECTS IN 100 DAYS HTML, CSS & JAVASCRIPT

Overview

Welcome to the companion guide for building over 100 mini web projects using HTML, CSS, and JavaScript. Whether you're just starting out or deepening your front-end skills, this guide is designed to help you stay consistent, level up faster, and turn each project into a personalized, portfolio-worthy creation.

This guide is the perfect companion for anyone embarking on the **100 Days of Code** journey. Inside, you'll find tools to help you stay on track, deepen your understanding, and go beyond the basics.

What's Inside:

-  **Daily Tracker & Planner** — Stay consistent with progress logs, milestone goals, and planning templates.
-  **Core Concepts Per Project** — Understand the key HTML, CSS, and JS patterns explored in each project, with reference links for deeper study.
-  **Go-Further Ideas & Enhancements** — Take every project beyond the tutorial with real-world feature suggestions, design improvements, and advanced rewrites.
-  **Bug Log & Challenge Notes** — Document problems, discoveries, and debug notes so you can revisit and learn from them later.

This guide isn't just about finishing projects. It's about building momentum, mastering fundamentals, and pushing yourself to explore, break, and rebuild. Let's get started.



Day 0

Before Starting Up

Before diving into your 100-day coding journey, it's essential to lay a solid foundation. Day 0 is your prep day—use it to set up your development environment, understand the project structure, and get comfortable with the basic boilerplate.

Setup

Follow the detailed setup instructions in the GitHub repository:

 <https://github.com/solygambas/html-css-javascript-projects#setup-instructions>

You'll learn how to:

- Fork and clone the repo.
- Open it in VS Code (or your preferred editor).
- Install and use the Live Server extension to preview your work instantly.



Getting Through the First Roadblocks

If you're new to web development, even simple setup steps can feel like blockers—and that's completely normal.

 Here's what we recommend:

- Search online actively—errors are learning opportunities, not dead-ends.
- Look for video tutorials on Git, VS Code, Live Server, and basic HTML/CSS/JS setup. Sometimes a quick visual explanation unlocks what a long article can't.
- Take your time and document everything—write down each issue you hit, how you solved it, and what resources helped.

Boilerplate Explained

The boilerplate provides a minimal yet structured starting point for every project. It saves you time by handling the repetitive setup, letting you focus on building.

🔗 **Boilerplate Location:** <https://github.com/solygambas/html-css-javascript-projects/tree/main/000-boilerplate>

HTML – index.html

- `<!DOCTYPE html>` — Ensures standards-compliant rendering.
- `<meta charset="UTF-8" />` — Supports all characters (essential for modern web apps).
- `<meta name="viewport" ...>` — Makes the layout responsive by default.
- External links for CSS (`style.css`) and JS (`script.js`) are already wired up.
- Font Awesome (commented out) is included for easy enabling if you need icons.

CSS – style.css

- Imports **Roboto**, a clean and versatile font.
- Applies `box-sizing: border-box` universally—simplifies layout math.
- Centered flexbox layout (vertical + horizontal).
- 100vh layout with hidden overflow—great for single-view demos.
- No default margin clutter.

JS – script.js

Empty to start—this is where your interactivity begins. Add event listeners, DOM manipulations, animations, etc.

Key Concepts Introduced on Day 0

Concept	Description
Boilerplate Architecture	How to structure HTML/CSS/JS files in a minimal, reusable project layout.
Viewport & Responsive Meta Tags	Ensures your project scales correctly on mobile and desktop.
Box-Sizing	A critical CSS default for predictable element sizing.
Flexbox Centering	A clean default layout using <code>display: flex</code> , great for most UI components.
Google Fonts	Using hosted fonts via <code>@import</code> —stylish with no setup.
External Resources Linking	CSS, JavaScript, and fonts wired into the base project without redundancy.
Live Server Preview	Real-time code changes with no manual reloading—boosts iteration speed.
Semantic HTML Structure	Starts with a minimal, semantically valid HTML5 template.

Optional Enhancements

- Replace Roboto with a font you like.
- Replace `<h1>My Project</h1>` with a styled placeholder for quick visual testing.
- Add a favicon.

Get the Full Guide

This is a preview of the **full companion guide PDF** for the “100 Projects in 100 Days” series.

Want early access to the full guide?

Join the notification list and we'll send it to you the moment it's ready!

<https://mailchi.mp/36e4c32d7df0/get-the-full-guide-first>