

100 PROJECTS IN 100 DAYS HTML, CSS & JAVASCRIPT

Day 10



HTML Concepts



01 Headings (<h1>, <h3>)

02 Buttons (<button>)

03 Lists (,)

04 Icons (<i>)

05 Input Fields (<input>)

06 placeholder Attribute

07 Forms (<form>)

08 Inline Containers ()

09 Links (<a>)

10 Audio (<audio>)

CSS Concepts

Styling & Layout

- color & background-color
- background-image
- width
- font-size & line-height
- border & border-radius
- opacity
- filter

Animations & Transitions

- transition & transition-delay
- transform (e.g., rotate(), translate())
- Selectors & Pseudo-classes
- :focus
- :disabled
- :nth-of-type()
- Adjacent Sibling Selector (+)

Advanced Concepts

- Custom Properties (Variables)
- rem Units
- rgba() Color Values



JavaScript Concepts

Language Fundamentals

- Variable Declaration & Assignment
- String & Array Methods (split, map, join, forEach)
- Ternary Operator (? :)

Events

- window.addEventListener()
(for clicks, key presses, scrolling)

Timers

- setInterval() & setTimeout()

Browser APIs

- window.innerHeight
- HTMLMediaElement API
(play(), pause(), currentTime)
- disabled Property on elements

DOM Manipulation

- document.querySelector() & getElementById()
- Element.classList (add, remove, toggle)
- HTMLElement.innerText & Element.innerHTML
- Element.getBoundingClientRect()

Asynchronous JavaScript

- fetch() API
- async/await
- Working with JSON



Documenting Initial Difficulties

Why This Matters

- Reflecting on blockers clarifies what's holding you back.
- Patterns of repeated struggle indicate concepts that need deeper attention.

What To Do

List the challenges faced during the first 10 days:

- Setup/configuration issues
- Time management difficulties
- Conceptual misunderstandings
- Bugs you couldn't resolve

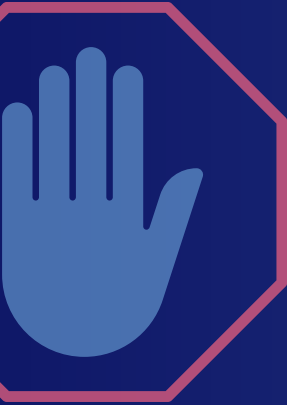
Write down even minor difficulties.

Over time, patterns will emerge that guide your practice.



Planning Deliberate Practice

Step-by-Step Strategy



1. Identify the Major Blocker from your list.



2. Schedule Focused Time to address it.

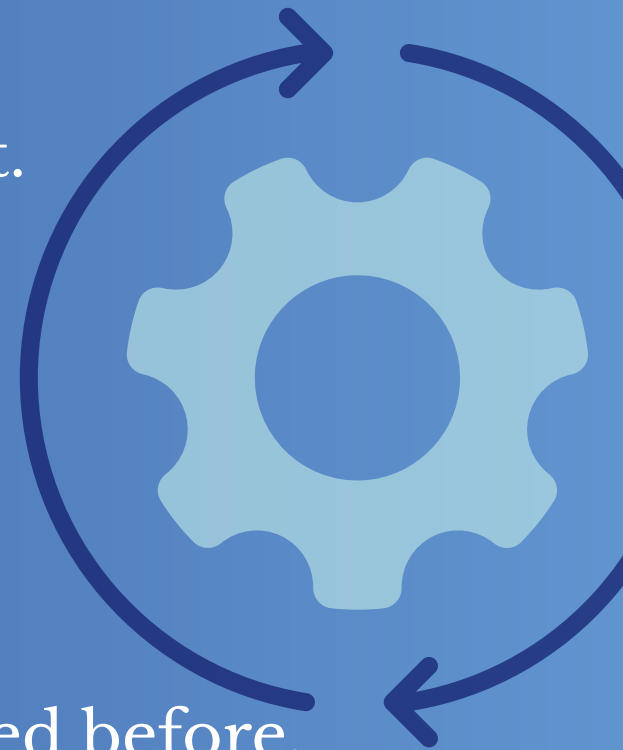
- Troubleshoot setup: search, test, and document fixes.
- Struggle with a concept: watch targeted videos, read articles, build small focused demos.

3. Reinforce Through Repetition

- When the concept reappears, revisit it.
- Note progress and evolving understanding.

4. Revisit Old Projects

- Apply new insights where you struggled before.
- Validate growth through hands-on revision.



Deliberate practice targets what you find hardest—this is how experts train.