

100 PROJECTS IN 100 DAYS HTML, CSS & JAVASCRIPT

Day 75



HTML Concepts

Multimedia Elements

- `<video>`
- `<input type="range">`
- `<canvas>`
- `<dialog>`

Forms

- `<input>` types
- `<select>`
- Sending & retrieving form data

SVG (Scalable Vector Graphics)

- `<g>`
- `<style>`
- `class`
- `transform`
- `fill`

Accessibility Attributes

- `autocomplete`
- `tabindex`
- `autofocus`



CSS Concepts

Layout & Positioning

- Flexbox
- Grid
- fr unit
- Sticky positioning
- margin
- perspective
- white-space
- translateZ()

Colors & Theming

- Dark mode
- prefers-color-scheme
- Color contrast
- prefers-contrast
- var()
- radial-gradient()
- conic-gradient()
- !important

Animations & Effects

- Using CSS transitions
- Timing function customization
- prefers-reduced-motion
- CSS Loaders
- Rellax.js (parallax effect)



JavaScript Concepts (I)

Language Fundamentals

- switch statement
- do...while statement
- Object initializer syntax
- indexOf() method
- JSON.parse() method
- catch() method

Events & DOM Interaction

- addEventListener() method
- removeEventListener() method
- click method
- blur
- loadedmetadata
- timeupdate
- voiceschanged
- boundary
- onend
- MouseEvent



JavaScript Concepts (II)



Form and UI APIs

- `alert()` method
- `sessionStorage` property
- `DocumentFragment`
- Fullscreen API

Speech & Audio

- `getVoices()` method
- `cancel()` method (SpeechSynthesis)
- `volume` property
- `muted` property

Numbers & Math

- `Number()` function
- `isNaN()` function
- `Math.random()` method
- `Intl.NumberFormat` object

Canvas API & Data Visualization

- `fillText()` method (Canvas API)
- `Chart.js`

From Learning to Building

Building Beyond Challenges

1. Moving from daily challenges and guided hints to **self-driven exploration**
2. Strategies for features you've never built before: **search, adapt, and experiment**
3. **Combining** HTML, CSS, and JavaScript to build unique solutions

Tackling Real-World Scenarios

1. **Responsive design:** adapting to all screen sizes
2. **Handling interactivity & data:** event delegation, form validation, accessibility

Following Best Practices

- Keep your code readable
- Add comments
- Refactor regularly to improve clarity

Good habits matter — even when working solo



Your Personal Coding Journey

Your Code, Your Story



Identifying Your Niche

- What kind of problems excite you most?
- Are you drawn to front-end, or curious about other areas?

How has your process for learning changed?

The Power of Persistence

- Reflect on **challenges overcome**
- How consistency built **confidence and adaptability**
- **Evolving mindset**: from learner to independent creator

What's your next growth frontier?

