LESSON 3



</>

Semantic HTML



A FREE MYWEBUNIVERSITY COURSE

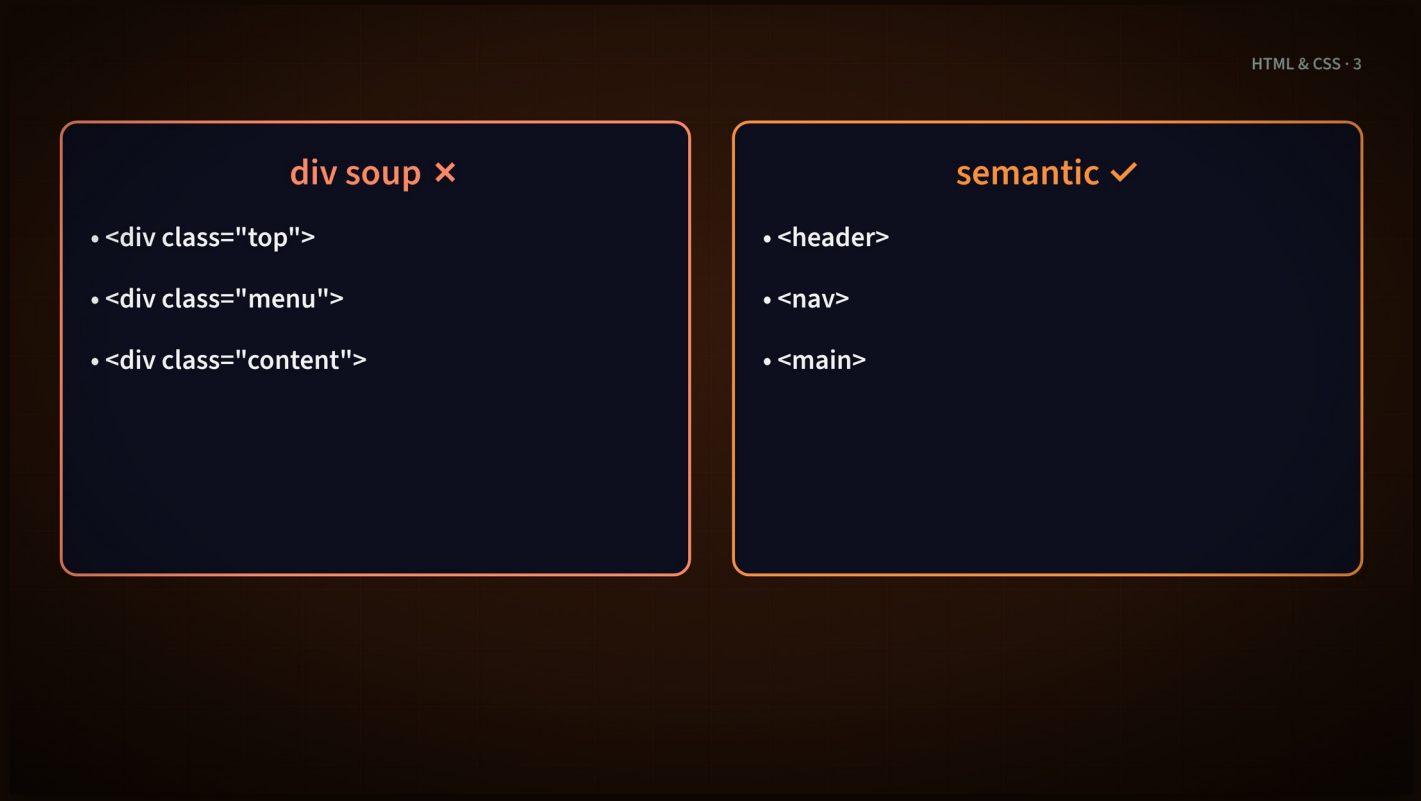
HTML & CSS

LESSON 3

Semantic HTML and Accessibility

header, nav, main, section, article, footer, and building for everyone

Semantic Elements



- div and span are generic boxes with no meaning. Semantic elements say what their content …
- Search engines, screen readers and other developers all understand your page better.

01

A Page Skeleton

index.html

```
<header>
  <a href="/" class="logo">Safar Travel</a>
  <nav><ul><li><a href="/tours">Tours</a></li></ul></nav>
</header>
<main>
  <article>
    <h1>Visiting Bamyan</h1>
    <section><h2>Getting there</h2> ... </section>
  </article>
  <aside>Related trips</aside>
</main>
<footer>© 2026 Safar Travel</footer>
```

- Most pages share one shape: a header with the logo and nav, a main area with the content, …
- Use article for content that stands alone, like a blog post, and section for a themed group …

02

Why Accessibility Matters



- See — alt text, contrast
- Navigate — keyboard, focus
- Understand — headings, labels

03

Accessibility in Practice

index.html

```
<html lang="fa" dir="rtl">          <!-- Dari page -->

<button type="button">Add to cart</button>    <!-- ✓ -->
<div onclick="add()">Add to cart</div>       <!-- ✗ no keyboard -->

<button aria-label="Close menu">×</button>
<a href="#main" class="skip">Skip to content</a>
```

- Use real buttons for actions and links for navigation, not clickable divs. Keep headings in …
- Set the lang attribute, give enough color contrast, and never remove the focus outline …

04

Checking Your Page

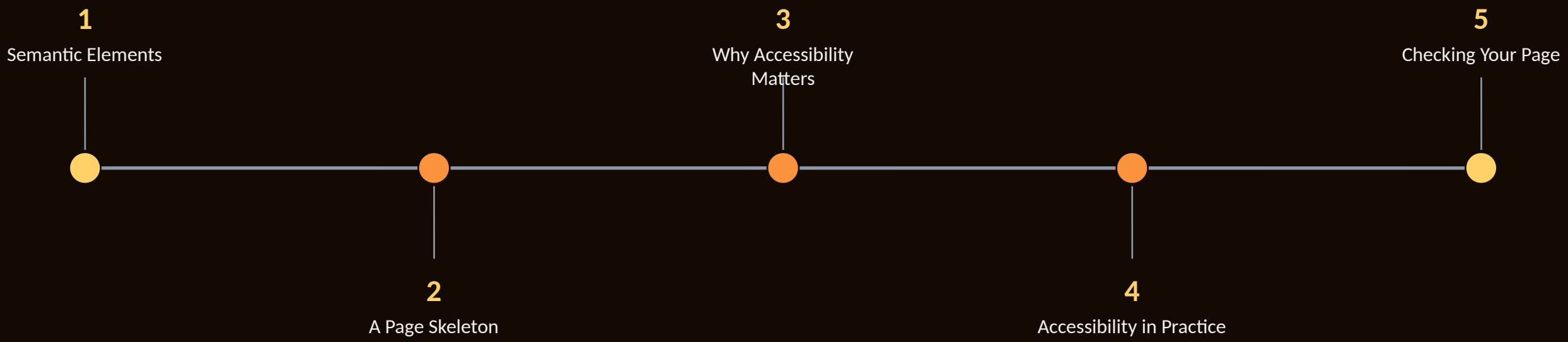
terminal

```
Lighthouse report — Accessibility: 92
✗ Image elements do not have [alt] attributes   (2)
✗ Background and foreground colors do not have sufficient contrast
✓ [lang] attribute is valid
✓ Heading elements appear in sequentially-descending order
```

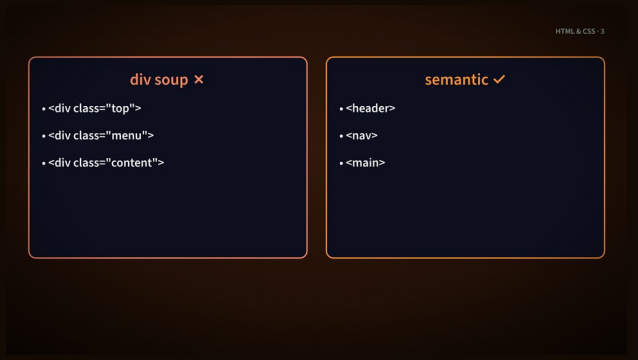
- Run Lighthouse in Chrome DevTools for an accessibility score with specific fixes. Try …
- The W3C validator checks your HTML for mistakes like unclosed tags.

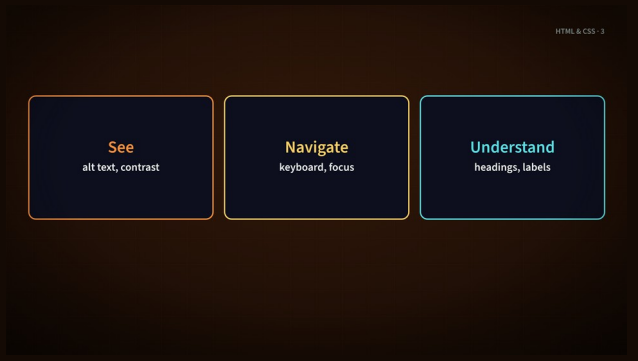
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Lesson Map


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Sources and Further Reading





Thank you for watching

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