CSS Roadmap + Cheat Sheet

- **1. CSS Basics**
  - What is CSS?
  - CSS Syntax: selector { property: value; }
  - Inline, Internal, External CSS
  - Selectors: *, h1, .class, #id, div p, a:hover

- **2. CSS Properties**
  - Text: color, font-size, text-align, font-family, text-decoration
  - Box Model: margin, border, padding, width, height
  - Backgrounds: background-color, background-image, background-size, background-repeat

- **3. Display & Positioning**
  - display: block, inline, inline-block, none
  - position: static, relative, absolute, fixed, sticky
  - z-index, top, bottom, left, right

- **4. Layout Systems**
  - Flexbox: display: flex, justify-content, align-items
  - Grid: display: grid, grid-template-columns, gap

- **5. Pseudo-classes & Pseudo-elements**
  - :hover, :active, :nth-child(), :focus
  - ::before, ::after

- **6. Transitions & Animations**
  - transition: all 0.3s ease
  - @keyframes, animation-name, animation-duration

- **7. Responsive Design**
  - @media queries
  - Mobile-first design
  - Units: px, %, em, rem, vh, vw

- **8. Custom Fonts & Variables**
  - @import or @font-face
  - CSS Variables: --main-color: #333; and var(--main-color)

- **9. Best Practices**
  - Use external CSS files
  - Organize with comments
  - Naming conventions like BEM

- **10. Advanced CSS**
  - Grid areas, CSS clamp()
  - Dark mode, calc(), min(), max(), clamp()