Reviewing HTML/CSS

- Remember to follow the techniques from class
    - Don't just Google _a_ solution
    - "Working" isn't nearly enough!
    - Do you understand how it works?
- We barely touch HTML/CSS
    - Not what this course focuses on
    - BUT very important for web development!

Running a Webserver

- You should always test with a real webserver
  - `npx serve` for that assignment
    - Soon we will write our own
  - NOT Chrome File -> Open File
  - "I use a command in my editor"
    - Do you know if it is a server?
    - Did you test how we'll grade you?
- In particular impacts file loading
  - Absolute vs Relative
  - Webserver uses document root
    - Open File uses entire filesystem

HTML Matters

- Want better than "it works"
    - = "...for now"
    - = "...with my setup"
- Accessibility (a11y) is important
    - Growing importance for employers
    - Easier to learn good habits
        - Hard to unlearn bad habits
- Impacts Search Engine Optimization (SEO)
- Impacts technical flexibility
    - = Less work later!

CSS Matters

- Similar issues with "it works"
    - Good CSS works for the future!
    - Easier to change good CSS
- Multiple approaches
    - Semantic CSS vs Utility First
    - Important to understand both!
- Responsive
    - Flows to fit available space
- Adaptive
    - CHANGES to use available space

Many Web Devs skip CSS

- Focus on "just enough"
- Fine if they intend to be backend devs
- But CSS is like git (and Regular Expressions)
    - Hard to fix a single problem
    - Unless you understand the whole system
    - You can waste more time if you never learn!

CSS Advice to avoid common mistakes

- Do NOT set everything to a fixed size
    - HTML is naturally responsive!
- `position: absolute;` ONLY to be on top
- Use `rem` for font-sizes
- Use class names for targeting styling
    - Try to keep everything at same specificity
- Stay up to date, things are getting better!
    - No tables for layout
    - No `float` for layout
    - Use `<dialog>` for modal windows
    - Use Flexbox and CSS Grids