

# 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
    - Later we will write our own
  - NOT Chrome File -> Open File
- In particular impacts file loading
  - Absolute vs Relative
  - Webserver uses document root
  - "Open File" does NOT use document root

# 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