

CSCI-4208: Developing Advanced Web Applications

Week 2: Lecture 3

Overview: Browser Tools - Crash Course

- Viewing modes:
 - default: parse HTML vs. show HTML source
 - view-source:url
- Developer Tools
 - Elements view: exploring the Browser's Document Object Model (DOM)
 - JavaScript Interpreter / console
 - Inspect element: analyze an individual HTML component
- File protocol versus HTTP protocol
 - Limitations of local file view - Use Lab 1 - Audio player as an example
 - Using a local HTTP Server to host your HTML
- Deploy a static, client-side app using Github
 - Show step-by-steps
 - Why index.html is the name for root web page
- Syntax Highlighting in Discord
 - html, css, javascript
- Frontend Playgrounds
 - codepen, jsfiddle, w3schools, mdn, awwwards, stack-overflow