JavaScript for Web Designers

JavaScript in Use
- Web designers need JavaScript for various needs
- JavaScript is NOT Java, and is its own separate programming language
- Commonly used for front-end web development
- If CSS can handle a need or bug, then try not to use JS unless absolutely necessary
- JS can be used to load data which can cause a serious security risk. Try not to be careless when writing with code.
- Keep JavaScript lean so it doesn't lead to bloated loading times, etc. (web optimization)

Writing and Debugging
- It is essential to have a good, code aware editor.
- Use something that makes code readable (e.g. syntax highlighting)
- Code folding can help reduce distractions when you want to focus on one specific area
- Block bouncing helps show where a code starts and ends (e.g. bracket "{" to bracket "}")
- Use your browser's built in tools to help debug or analyze js better
- Use JS documentation by the Mozilla Network for support
- caniuse.com is great for seeing what is compatible with what type of browser or OS.
- DOM: Document Object Model
- JS Libraries helps you expedite your coding process, however they can ruin your accessibility, security, etc.
- Vanilla JS gives you full ownership of your code and allows it to be lean