

Summary

- JavaScript programs may inspect and interfere with the document that the browser is displaying through a data structure called the **Document Object Model (DOM)**.
- The DOM is a cross-platform and language-independent interface that treats an HTML document as a tree structure.
- The tree consists of element (i.e., HTML tag), text, and comment nodes.
- The DOM tree can be changed by removing, appending, inserting, and replacing nodes with JavaScript methods.
- JavaScript methods can find nodes by accessing various parent, child, and sibling properties of a node.
- JavaScript methods can find nodes by HTML tag and HTML id.
- The JavaScript **querySelectorAll** method takes a selector string and returns a NodeList containing all the elements that it matches.
- The **querySelector** method (without the **All** part) works in a similar way, only returning the first matching element.