

ASSIGNMENT-5

5. What is BOM? DOM? Diff. between BOM vs DOM?

DOM

- Provides a standardized interface for accessing and modifying the elements and content of an HTML or XML document. The DOM provides a tree-like structure of nodes that represent the elements of a web page.

BOM

- Allows JavaScript to interact with browser features beyond the scope of manipulating the document structure. The BOM provides objects that represent the browser window, screen, history, and location and other features of the browser.

Difference between DOM & BOM:

Document Object Model (DOM)	Browser Object Model (BOM)
It mainly focuses on the structure of the displayed document.	It mainly focuses on browser-specific functionality.
It facilitates a standardized interface to access and modify the elements and content of an HTML or XML document.	It allows JavaScript to interact with browser features beyond the scope of manipulating the document structure.
When an HTML document gets loaded in the browser, then it becomes a document object.	In this case, the window object will be created automatically by the browser.
It facilitates access and manipulation, along with dynamically updating the structure, content, and styling of the web document.	It facilitates the different functionality for governing the browser window, handling the navigation, managing history, and accessing browser-related information.
It provides direct access control to the content of the web document, along with permitting the traversal and modification of its elements and attributes.	It doesn't have any access to the content of the web document directly.

