

List and explain the JavaScript methods that enable us to select elements from the DOM. What is the document object? What are some other methods available on the document object that don't select elements from the DOM?

- DOM elements in JavaScript is the Document Object Model which is the data representation of the objects that make up the structure and content of a document on the web.
 - Some methods that enable us to select elements from the DOM are
 - `getElementById()` – selects an element by the id
 - `getElementsByClassName()` – selects elements by the name
 - `getElementsByTagName()` – selects elements by the tag name
 - you can also manipulate elements
 - `createElement()` – creates a new element
 - `appendChild()` – append a node to a list of child nodes of a specified parent node
 - `innerHTML` – get and set the HTML content of an element
 - `replaceChild()` – replace a child element by a new element