

Front-end Week 10

List and explain the JavaScript methods that enable us to select elements from the DOM.

1. `getElementById`: This method allows you to select an element based on its unique identifier (ID). It returns the element that has the specified ID attribute.
2. `getElementsByClassName`: This method returns a collection of elements that have a specific class name. It allows you to select multiple elements with the same class.
3. `getElementsByTagName`: This method returns a collection of elements with a specific tag name.
4. `querySelector`: This method returns the first element that matches a specified CSS selector and is the most useful out of the methods.

URL: https://www.w3schools.com/js/js_html_dom_document.asp

What is the document object? What are some other methods available on the document object that don't select elements from the DOM?

The document object in JavaScript represents the current HTML document in a web page. It serves as an entry point to access and manipulate various aspects of the document, including its structure, content, and styling.

Some methods include:

1. `createElement`: This method creates a new HTML element specified by the tag name. It returns the newly created element.
2. `appendChild`: This method appends a node as the last child of a parent element. It is used to insert an element or a text node into the document.
3. `removeChild`: This method removes a specified child node from its parent. It is used to remove an element or a text node from the document.

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