

1. List and explain the JavaScript methods that enable us to select elements from the DOM. `getElementById` is a method to access any element virtually. It accesses the first element with the specified ID. `getElementsByTagName` allows you to search all the elements with a specified tag name on your page. Any element on a page including text & whitespaces of a DOM structure is known as "NODE." Nodes can be between XHTML Tags. `createElement` it is used to create an element & place it anywhere in the DOM structure. We can add two elements to our list of links using `appendChild`. To remove the list item you will use `removeChild`. `getAttribute` method, you can access the value of any attribute of an element on a page. Assigning a new value to an existing attribute is done using `setAttribute`. `document.forms` method is used to access "form" collections of the DOM structure. `innerHTML` used to access & write content inside XHTML elements.

<https://www.dynamicwebtraining.com.au/blog/javascript-dom-methods>

2. What is the document object? What are some other methods available on the document object that don't select elements from the DOM? A document object is document content that gets loaded in the HTML and contains the contents of the page. A Document object represents the HTML document that is displayed in that window. The Document object has various properties that refer to other objects which allow access to and modification of document content. The way a document content is accessed and modified is called the Document Object Model, or DOM. Window object is at the top of the hierarchy. It is the outmost element of the object hierarchy. The form object is everything enclosed in the `<form>...</form>`. Form control

elements contains all the elements defined for the object such as text fields, buttons, radio buttons, and checkboxes.

https://www.tutorialspoint.com/javascript/javascript_html_dom.htm#:~:text=A%20Document%20object%20represents%20the,Document%20Object%20Model%2C%20or%20DOM.

3. What is your favorite thing you learned this week? I learned more about JavaScript and HTML blending together.