JavaScript DOM Manipulation Cheat Sheet

Selecting Elements from the DOM:

- Select One Element:

  - document.getElementById(idSelector);

  - document.querySelector(selector);

- Select Multiple Elements:

  - document.getElementsByTagName(tagName);

  - document.getElementsByName(name);

  - document.getElementsByClassName(classSelector);

  - document.querySelectorAll(selector);

Navigating the DOM:

- parentElement - Access an element's parent.

- children - Access an element's children.

- siblings - Access an element's siblings.

Manipulating a DOM Element:

- Read and Change Content: Directly modify the text or HTML content.

- Read and Change Attributes: Modify attributes like id, class, src, etc.

- Read and Change Styles: Alter CSS styles directly via JavaScript.

- Hook Event Listeners: Attach events (click, hover, etc.) to elements.

- Add/Remove Children Elements: Dynamically add or remove elements from the DOM.

Creating New DOM Element:

- document.createElement(element); - Create a new element.

- parentElement.append(newElement); - Add the new element to the DOM.

Working with Events:

- Events such as click, submit, and blur can trigger actions.

- element.addEventListener(event, eventHandler); - Attach an event listener to an element.