Dynamic DOM Manipulation - Cheat Sheet

Dynamic DOM manipulation means creating, modifying, or removing HTML elements in real-time using JavaScript. Below are the most common methods with short explanations.

- **createElement(tagName)** - Creates a new HTML element (not yet added to the page).
- **appendChild(node)** - Adds a node as the last child of a parent.
- **prepend(node)** - Adds a node as the first child of a parent.
- **removeChild(node)** - Removes a child node from a parent.
- **remove()** - Removes the element itself.
- **replaceChild(newNode, oldNode)** - Replaces an old child with a new one.
- **insertBefore(newNode, referenceNode)** - Inserts a node before another child node.
- **insertAdjacentHTML(position, text)** - Inserts raw HTML at a specified position (beforebegin, afterbegin, beforeend, afterend).
- **cloneNode(deep)** - Clones an element. If deep=true, also clones children.
- **setAttribute(name, value)** - Sets a new attribute on an element.
- **getAttribute(name)** - Gets the value of an element's attribute.
- **removeAttribute(name)** - Removes an attribute from an element.

These methods let you dynamically build interactive web pages (e.g., To-Do lists, comments, shopping carts).