



JS DOM

CHEATSHEET





1. Accessing DOM Elements

document.getElementById("id"): Selects an element by its ID.

document.getElementsByClassName("class"): Selects elements by their class name (returns a live HTMLCollection).

document.getElementsByTagName("tag"): Selects elements by their tag name (returns a live HTMLCollection).

document.querySelector("selector"): Selects the first element that matches a CSS selector.

document.querySelectorAll("selector"): Selects all elements that match a CSS selector (returns a static NodeList).



2. Modifying Elements

element.innerHTML: Gets or sets the HTML content inside an element.

element.textContent: Gets or sets the text content of an element.

element.setAttribute("attribute", "value"): Sets an attribute on an element.

element.getAttribute("attribute"): Gets the value of an attribute from an element.

element.removeAttribute("attribute"): Removes an attribute from an element.

element.classList.add("class"): Adds a class to an element.



3. Creating and Inserting Elements

document.createElement("tag"): Creates a new HTML element.

element.appendChild(child): Appends a child element to the parent element.

element.insertBefore(newElement, referenceElement): Inserts a new element before a reference element within the parent.

element.removeChild(child): Removes a child element from the parent.

element.replaceChild(newChild, oldChild): Replaces an old child element with a new one.



4. Event Handling

element.addEventListener("event", function):

Attaches an event handler to an element.

element.removeEventListener("event",

function): Removes an event handler from an element.

event.preventDefault(): Prevents the default

action of an event (e.g., form submission).

event.stopPropagation(): Stops the event from

bubbling up the DOM tree.

event.target: Identifies the element that

triggered the event.

event.currentTarget: Identifies the element that

the event listener is attached to.



5. Traversing the DOM

element.parentNode: Accesses the parent node of an element.

element.childNodes: Accesses all child nodes of an element (returns a NodeList).

element.firstChild: Accesses the first child node of an element.

element.lastChild: Accesses the last child node of an element.

element.nextSibling: Accesses the next sibling of an element.

element.previousSibling: Accesses the previous sibling of an element.



6. Form Handling

element.value: Gets or sets the value of a form element.

element.checked: Checks or unchecks a checkbox or radio button.

element.submit(): Submits a form programmatically.

element.reset(): Resets a form to its initial values.



7. Miscellaneous

document.createTextNode("text"): Creates a text node.

document.body: Accesses the <body> element of the document.

document.head: Accesses the <head> element of the document.

document.title: Gets or sets the title of the document.

window.location: Gets or sets the URL of the current page.

window.localStorage: Provides access to the local storage (key-value pairs) for the domain.



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