

# JAVASCRIPT DOM MANIPULATION CHEATSHEET.

## GETTING ELEMENTS

<code>document.getElementById('id')</code>	Returns element with the specified 'ID'
<code>document.getElementsByClassName('classname')</code>	Returns list of elements with the specified class
<code>document.getElementsByTagName('tagname')</code>	Returns list of elements with the specified tag
<code>document.querySelector('classname')</code>	Returns 1st element with specified css selector
<code>document.querySelectorAll('classname')</code>	Returns list of elements with the specified css selector
Eg. <code>document.getElementById('myElementId');</code>	

let **element**== 'any of the element grabbing statements'

Category	DOM Manipulation Example
<b>Accessing Properties</b>	
<code>textContent</code>	<code>element.textContent = 'New content';</code>
<code>innerHTML</code>	<code>element.innerHTML = '&lt;b&gt;Bold Text&lt;/b&gt;';</code>
<code>getAttribute</code>	<code>element.getAttribute('src');</code>
<b>Modifying Styles</b>	
<code>style.property</code> (cssText can be used for multiple css style changes)	<code>element.style.color = 'red';</code> <code>element.style.cssText = 'color: white; font-size: 16px;';</code>
<code>classList.add</code>	<code>element.classList.add('active');</code>
<code>classList.remove</code>	<code>element.classList.remove('hidden');</code>
<b>Creating Elements</b>	
<code>createElement</code>	<code>const newElement = document.createElement('div');</code>
<code>appendChild</code>	<code>parentElement.appendChild(newElement);</code>
<code>insertBefore</code>	<code>parentElement.insertBefore(newElement, referenceNode);</code>

<b>Removing Elements</b>	
removeChild	parentElement.removeChild(childElement);
remove	element.remove();
<b>Traversing the DOM</b>	
parentNode	element.parentNode;
childNodes	element.childNodes;
nextSibling	element.nextSibling;
<b>Event Handling</b>	
addEventListener	element.addEventListener('click', myFunction);
removeEventListener	element.removeEventListener('click', myFunction);
<b>Form Manipulation</b>	
value	inputElement.value;
checked	checkboxElement.checked;
<b>Data Attributes</b>	
dataset	element.dataset.myAttribute;
<b>Window and Document</b>	
window.location	window.location.href = 'https://example.com';
document.title	document.title = 'New Title';
<b>Creating Text Nodes</b>	
createTextNode	const textNode = document.createTextNode('Text');
<b>Clone Nodes</b>	
cloneNode	const cloned = element.cloneNode(true);
<b>Traversing Parents</b>	
closest	element.closest('.parentClass');
<b>Scrolling</b>	
scrollTo	window.scrollTo(0, 500);

