Name	What it Does:	01	Parameters:	Returns	Note:	7	Example:	Extra Info:	
Name:	Document method: returns a static (not live) NodeList	Syntax:	selectors	A non-live NodeList containing	Note: If the specified selectors include a CSS pseudo-element,	const cloudySpans = document.querySelectorAll("		This method is implemented based on the ParentNode mixin's querySelectorAll() method.	
	representing a list of the document's elements that		A DOMString containing one or more selectors	one Element object for each element	the returned list is always empty.	While getElementById allows us to reference a		1 ' ' I	
Document.querySelectorAll()	match the specified group of selectors.	elementList = parentNode.querySelectorAll(selectors);	to match against. This string must be a valid CSS selector string; if it's not, a SyntaxError	that matches at least one of the specified selectors or an		element, querySelectorAll references all elen			
Document.queryociector/tit()		elementList = parentinode.query selector An(selectors),	exception is thrown	empty NodeList in case of no	!	name "cloudy" as a static NodeList (static meani			
				matches.		the DOM do not affect the content of the collectio	1).		
	Document method getElementByld() returns an		id	An Element object describing the		Javascript		Usage notes	
	Element object representing the element whose id property matches the specified string. Since element		The ID of the element to locate. The ID is case- sensitive string which is unique within the	DOM element object matching the specified ID, or null if no matching		const divOfInterest = document.getElementById("catch Now let's say that our HTML file contains seven span e		The capitalization of "Id" in the name of this method must be correct for the code to function; getElementByID() is not valid and will not work, however natural it may seem.	
	IDs are required to be unique if specified, they're a		document; only one element may have any	element was found in the document.		share a class name of cloudy, like below:	ements that		
	useful way to get access to a specific element quickly.		given ID.			HTML		Unlike some other element-lookup methods such as Document.querySelector() and Document.querySelectorAll(), getElementById() is only available as a method of the global	
	If you need to get access to an element which doesn't have an ID, you can use querySelector() to find the element using any selector.	const element = document.getElementByld(id);				<pre></pre>		document object, and not available as a method on all element objects in the DOM.	
Document.getElementByld()				<pre><pre></pre> </pre> <pre></pre> <pre><</pre>			Because ID values must be unique throughout the entire document, there is no need for "local" versions of the function.		
3 , 0						<pre> </pre>		Using forEach() on a NodeList:	
				<pre></pre>			Javascript		
						Sspan class=""cloudy""> Sspan class=""cloudy" Sspan class=""class=""class=""class=""class=""clas		<pre>const cloudySpans = document.querySelectorAll("span.cloudy");</pre>	
								<pre>cloudySpans.forEach(span => {</pre>	
				1		them in a single variable.		console.log("Cloudy!"); });	
	In an HTML document, the document.createElement()		tagName	The new Element.		HTML	JavaScript		
	method creates the HTML element specified by tagName, or an HTMLUnknownElement if tagName		A string that specifies the type of element to be created. The nodeName of the created	1					
	isn't recognized.		element is initialized with the value of tagName.			1 (IDOCTYPE html) 2 (html)	1 document.body.onload = addElement;		
			Don't use qualified names (like "html:a") with this method. When called on an HTML	1		3 <head> 4 <title> Working with elements </title></head>	3 function addElement () {		
			document, createElement() converts tagName			5 (/head>	4 // create a new div element		
			to lower case before creating the element. In Firefox, Opera, and Chrome,	1		6 6 div id="div1">The text above has been created dynamically.	<pre>5 const newDiv = document.createElement("div"); 6</pre>		
			createElement(null) works like	İ		8 9	7 // and give it some content		
			createElement("null").				<pre>8 const newContent = document.createTextNode("Hi there and greetings!"); 9</pre>		
Document.createElement()		let element = document.createElement(tagName[, options]);	options Optiona	d		į	10 // add the text node to the newly created div		
			An optional ElementCreationOptions object,				11 newDiv.appendChild(newContent);		
			containing a single property named is, whose value is the tag name of a custom element	1			13 // add the newly created element and its content into the DOM		
			previously defined via				14 const currentDiv = document.getElementById("div1");		
			customElements.define(). See Web component example for more details.				document.body.insertBefore(newDiv, currentDiv); 16 }		
								1	
				1	Í				
							Hi there and greetings! The text above has been created dynamically.	1	
	Sets the value of an attribute on the specified element.		nama	undefined.	In the example to the right:	l	•	Boolean attributes are considered to be true if they're present on the element at all,	
	If the attribute already exists, the value is updated;		A DOMString specifying the name of the	andomica.	The first call to setAttribute() above shows changing the name	In the following example, setAttribute() is used to set attribute	s on a <button> . Inside of our script block, we'll:</button>	regardless of their actual value; as a rule, you should specify the empty string ("") in value	
	otherwise a new attribute is added with the specified name and value.		attribute whose value is to be set. The attribute name is automatically converted to all lower-		attribute's value to "helloButton". You can see this using your browser's page inspector (Chrome, Edge, Firefox, Safari).		 create a ul element with no id 	(some people use the attribute's name; this works but is non-standard). See the example below for a practical demonstration.	
	To get the current value of an attribute, use getAttribute(); to remove an attribute, call removeAttribute().	Element.setAttribute(name, value);	case when setAttribute() is called on an HTML element in an HTML document. value A DOMString containing the value to assign to the attribute. Any non-string value specified is converted automatically into a string.		To set the value of a Boolean attribute, such as disabled, you	HTML	 create an li element with the id dreamy—eyes add the li as a child to the ul element 	below for a practical definoristration.	
					can specify any value. An empty string or the name of the attribute are recommended values. All that matters is that if the		add the ul element as the first child of the body element. LTM	element. Since the specified value gets converted into a string, specifying null doesn't necessari what you expect. Instead of removing the attribute or setting its value to be null, it inste	
				1	attribute are recommended values. All that matters is that if the attribute is present at all, regardless of its actual value, its value		html	sets the attribute's value to the string "null". If you wish to remove an attribute, call	
				1	is considered to be true. The absence of the attribute means its value is false. By setting the value of the disabled attribute to the empty string (""), we are setting disabled to true, which results in the button being disabled.	1 <button>Hello World</button>	<pre></pre> <pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><p< td=""><td>removeAttribute().</td></p<></pre>	removeAttribute().	
Element.setAttribute()							<pre><script type="text/javascript"> const addistilement = () => { const listElement = document.createElement("ul"); } }</pre></td><td></td></tr><tr><td rowspan=4>Licinenasconalisació</td><td>1</td><td>JavaScript</td><td><pre>const listBlement = document.createBlement("ul"); const listItem = document.createBlement("li");</pre></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>JavaJcTipt</td><td><pre>count listItem = document.createslement("13"); listItem.seaAttributer "id", "deamy-eyes"); listElement.appendChild(listItem); document.body.prepend(listElement);</pre></td><td></td></tr><tr><td rowspan=4></td><td rowspan=4></td><td></td><td rowspan=4></td><td>1000 10</td><td>document.body.prepend(listElement);</td><td></td></tr><tr><td></td><td>1 var b = document.querySelector("button");</td><td>window.onload = addListElement;</td><td></td></tr><tr><td></td><td></td><td><pre>b.setAttribute("name", "helloButton");</pre></td><td></head> <body></body></td><td></td></tr><tr><td></td><td></td><td>4 b.setAttribute("disabled", "");</td><td><pre></ntml> Refresh the HTML in your browser, inspect the page, and notice</pre></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>the ul and li elements that were created in the script block.</td><td></td></tr><tr><td></td><td>Creates a new Text node. This method can be used to escape HTML characters.</td><td></td><td>data is a string containing the data to be put in the</td><td>None</td><td>İ</td><td>In our example is file, we'll write a function to create a</td><td><!DOCTYPE html> the <html></td><td></td></tr><tr><td></td><td>oscapo IIII a maracio.</td><td></td><td>text node.</td><td></td><td></td><td>new h1 element, assign it an id, give it content, and attach it to body of our HTML document.</td><td>the <body></td><td></td></tr><tr><td rowspan=2></td><td rowspan=4></td><td></td><td>1</td><td>1</td><td></td><td>Javascript</td><td>Click the button to create a h1 element with some text.</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td><pre>const addElement = () => (// create a new div element</pre></td><td><pre>cbutton onclick="myFunction()">Try it</button></pre></td><td></td></tr><tr><td></td><td></td><td></td><td>1</td><td>!</td><td><pre>const newElement = document.createElement("h1");</pre></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td><pre>// set the h1's id newElement.setAttribute("id", "sleeping-giant");</pre></td><td><pre><script> function myFunction() {</pre></td><td></td></tr><tr><td></td><td></td><td>var text = document.createTextNode(data);</td><td></td><td></td><td></td><td>newelement.setAttlibute(id , Sleeping-glant /,</td><td><pre>var h = document.createElement("H1");</pre></td><td></td></tr><tr><td>Document.createTextNode()</td><td></td><td>text is a Text node.</td><td></td><td>1</td><td></td><td><pre>// and give it some content const newContent = document.createTextNode("Jell-0, Burle</pre></td><td></td><td></td></tr><tr><td></td><td> </td><td></td><td></td><td></td><td> </td><td>// add the text node to the newly created div</td><td>document.body.appendChild(h);</td><td>1</td></tr><tr><td></td><td> </td><td></td><td></td><td></td><td>1</td><td>newElement.appendChild(newContent);</td><td>/ </script></pre>	1	
					1	1	accument.body.appendCniid(newElement); };	Try it	
							<pre>// run script when page is loaded window.onload = addElement;</pre>		1
								Hello World	
		The Node.appendChild() method adds a node to the		aChild	The returned value is the appended	The ParentNode.append() method supports multiple arguments	const addElements = () => (Let's practice adding new elements to our page. We'll create a second element, a div with	Notes
Node.appendChild()		end of the list of children of a specified parent node. If the given child is a reference to an existing node in the document, appendChild() moves it from its current position to the new position (there is no requirement to remove the node from its parent node before appending it to some other node). This means that a node can't be in two points of the		The node to append to the given parent node (commonly an element).	child (aChild), except when aChild is a DocumentFragment, in which case	and appending strings.	<pre>const newElement = document.createElement("h1");</pre>	an id of lickable-frog, and append it to the body like we did the first time. Update the Javascript function to append a second element to the page.	Notes
				the empty DocumentFragment is		// set the h1's id		Chaining may not work as expected, due to appendchild() returning the child element	
	·			returneu.		newElement.setAttribute("id", "sleeping-giant");	Notice that our function is now called addElements, plural, because we're appending two	let aBlock = document.createElement('block').appendChild(document.createElement('b')):	
						// and give it some content	elements to the body. Save your Javascript file and refresh the HTML file in the browser. When you inspect the page, you should now see two elements in the body, the h1 and	T accompany = occumentstreagersment(prock):appearante(gocumentstreagestement(p.))}	
						<pre>const newContent = document.createTextNode("Jell-0, Bur</pre>	the div we added via Javascript.	Sets all Lock to only, which is probably not what you want.	
	document simultaneously. So if the node already has a	element ennendChild(eChild)				<pre>// add the text node to the newly created div newElement.appendChild(newContent);</pre>]	
	parent, the node is first removed, then appended at the new position. The Node cloneNode() method can be	method can be force appending it topies made with ept in sync. ment, the entire are moved into the				and the same of th	1 // Create a new paragraph element, and append it to the end of the document bod	·	
	used to make a copy of the node before appending it				-	<pre>// add the newly created element and its content into document.body.appendChild(newElement);</pre>	<pre>the DOM 2 let p = document.createElement("p"); document.body.appendChild(p);</pre>		
	under the new parent. Note that the copies made with cloneNode will not be automatically kept in sync.					// append a second element to the DOM after the first			
				ļ		<pre>const lastElement = document.createElement("div");</pre>			
	If the given child is a DocumentFragment, the entire contents of the DocumentFragment are moved into the					<pre>lastElement.setAttribute("id", "lickable-frog"); document.body.appendChild(lastElement);</pre>			
	child list of the specified parent node.				1];			
						<pre>// run script when page is loaded window.onload = addElements;</pre>			
	The onload property of the GlobalEventHandlers mixin is an EventHandler that processes load events on a		Value functionRef is the handler function to be called		Notes The load event fires at the end of the document loading	HTML		window.onload fires when the document's window is ready for presentation and document.onload fires when the DOM tree (built from the markup code within the	
	Window, XMLHttpRequest, element, etc.		when the window's load event fires.		process. At this point, all of the objects in the document are in		DOMContentLoaded ensures that a	document) is completed.	
	The load event fires when a given resource has loaded.			the DOM, and all the images, scripts, links and sub-frames have finished loading.	html	script will run when the document has	Ideally, subscribing to DOM-tree events, allows offscreen-manipulations through		
	The load event lifes when a given resource has loaded.				i -	chead>	·	Javascript, incurring almost no CPU load. Contrarily, window.onload can take a while to	
					There are also DOM Events like DOMContentLoaded and	<pre><script src="window-load-script.js" type="text/javascript"></script> </pre>	been loaded without waiting for	fire, when multiple external resources have yet to be requested, parsed and loaded.	
					DOMFrameContentLoaded (which can be handled using EventTarget.addEventListener()) which are fired after the DOM	chaps (halls	stylesheets, images and subframes to	1	
GlobalEventHandlers.onload		target.onload = functionRef;			for the page has been constructed, but do not wait for other	chtml>c/html> c/html>			
Giobail venti landiers.011080		target.omeau - rancae/IREI,			resources to finish loading.		load. However, if we wanted to wait for	1	
				1	1	JS	everything in the document to load		
					1	window. <mark>onl</mark> oad = () => {	before running the script, we could	1	
						console.log(
						"This script loaded when all the resources and the DDM were ready.");	instead use the window object method		
					1	};			
			l	1	l .				