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# The Window Object

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## Window Object

The window object represents an open window in a browser.

If a document contain frames (<iframe> tags), the browser creates one window object for the HTML document, and one additional window object for each frame.

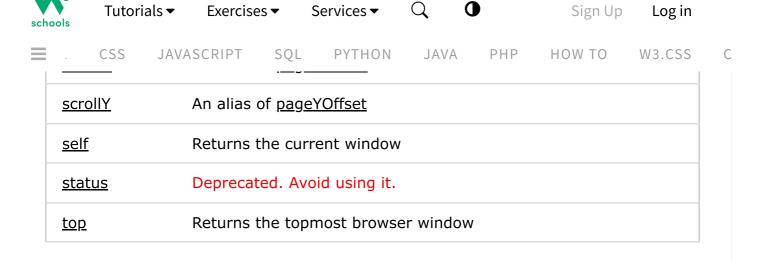
### Window Object Properties

Property	Description
closed	Returns a boolean true if a window is closed.
<u>console</u>	Returns the Console Object for the window. See also <u>The Console Object</u> .
<u>defaultStatus</u>	Deprecated.
<u>document</u>	Returns the Document object for the window. See also <u>The Document Object</u> .
frameElement	Returns the frame in which the window runs.
<u>frames</u>	Returns all window objects running in the window.
<u>history</u>	Returns the History object for the window. See also <u>The History Object</u> .



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	including scrollbars
<u>length</u>	Returns the number of <iframe> elements in the current window</iframe>
<u>localStorage</u>	Allows to save key/value pairs in a web browser. Stores the data with no expiration date
<u>location</u>	Returns the Location object for the window. See also the <u>The Location Object</u> .
<u>name</u>	Sets or returns the name of a window
navigator	Returns the Navigator object for the window. See also <u>The Navigator object</u> .
<u>opener</u>	Returns a reference to the window that created the window
<u>outerHeight</u>	Returns the height of the browser window, including toolbars/scrollbars
<u>outerWidth</u>	Returns the width of the browser window, including toolbars/scrollbars
<u>pageXOffset</u>	Returns the pixels the current document has been scrolled (horizontally) from the upper left corner of the window
<u>pageYOffset</u>	Returns the pixels the current document has been scrolled (vertically) from the upper left corner of the window
<u>parent</u>	Returns the parent window of the current window
<u>screen</u>	Returns the Screen object for the window See also <u>The Screen object</u>
<u>screenLeft</u>	Returns the horizontal coordinate of the window relative to the screen
<u>screenTop</u>	Returns the vertical coordinate of the window relative to the screen
<u>screenX</u>	Returns the horizontal coordinate of the window relative to the screen
<u>screenY</u>	Returns the vertical coordinate of the window relative to the screen



# Window Object Methods

Method	Description
addEventListener()	Attaches an event handler to the window
<u>alert()</u>	Displays an alert box with a message and an OK button
atob()	Decodes a base-64 encoded string
<u>blur()</u>	Removes focus from the current window
btoa()	Encodes a string in base-64
<u>clearInterval()</u>	Clears a timer set with setInterval()
<u>clearTimeout()</u>	Clears a timer set with setTimeout()



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focus()	Sets focus to the current window
getComputedStyle()	Gets the current computed CSS styles applied to an element
getSelection()	Returns a Selection object representing the range of text selected by the user
matchMedia()	Returns a MediaQueryList object representing the specified CSS media query string
moveBy()	Moves a window relative to its current position
moveTo()	Moves a window to the specified position
open()	Opens a new browser window
<u>print()</u>	Prints the content of the current window
<u>prompt()</u>	Displays a dialog box that prompts the visitor for input
<u>removeEventListener()</u>	Removes an event handler from the window
<u>requestAnimationFrame()</u>	Requests the browser to call a function to update an animation before the next repaint
<u>resizeBy()</u>	Resizes the window by the specified pixels
<u>resizeTo()</u>	Resizes the window to the specified width and height
scroll()	Deprecated. Use <u>scrollTo()</u> instead.
scrollBy()	Scrolls the document by the specified number of pixels
scrollTo()	Scrolls the document to the specified coordinates
<u>setInterval()</u>	Calls a function or evaluates an expression at specified
	intervals (in milliseconds)
<u>setTimeout()</u>	Calls a function or evaluates an expression after a specified number of milliseconds



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