* Function:

function func() {

//Your Code Here

}

* Anonymous function:

function() {

//Your Code Here

}

. Inline function

var func = function() {

//Your Code Here

};

Methods of window object

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**next →**](https://www.javatpoint.com/javascript-history-object)[**← prev**](https://www.javatpoint.com/browser-object-model) **Window Object**  1. [Window Object](https://www.javatpoint.com/window-object) 2. [Properties of Window Object](https://www.javatpoint.com/window-object) 3. [Methods of Window Object](https://www.javatpoint.com/window-object) 4. [Example of Window Object](https://www.javatpoint.com/window-object)   The **window object** represents a window in browser. An object of window is created automatically by the browser.  Window is the object of browser, **it is not the object of javascript**. The javascript objects are string, array, date etc. **Note: if html document contains frame or iframe, browser creates additional window objects for each frame.**Methods of window object The important methods of window object are as follows:   |  |  | | --- | --- | | **Method** | **Description** | | alert() | displays the alert box containing message with ok button. | | confirm() | displays the confirm dialog box containing message with ok and cancel button. | | prompt() | displays a dialog box to get input from the user. | | open() | opens the new window. | | close() | closes the current window. | | setTimeout() | performs action after specified time like calling function, evaluating expressions etc. | |

**Window Object Properties**

|  |  |
| --- | --- |
| **Property** | **Description** |
| Document | It returns the document object for the window (DOM). |
| **Frames** | It returns an array of all the frames including iframes in the current window. |
| Closed | It returns the boolean value indicating whether a window has been closed or not. |
| **History** | It returns the history object for the window. |
| innerHeight | It sets or returns the inner height of a window's content area. |
| innerWidth | It sets or returns the inner width of a window's content area. |
| Length | It returns the number of frames in a window. |
| **Location** | **It returns the location object for the window.Represent current DOM Object** |
| **Name** | It sets or returns the name of a window. |
| **Navigator** | It returns the navigator object for the window. |
| Opener | It returns a reference to the window that created the window. |
| outerHeight | It sets or returns the outer height of a window, including toolbars/scrollbars. |
| outerWidth | It sets or returns the outer width of a window, including toolbars/scrollbars. |
| Parent | It returns the parent window of the current window. |
| **Screen** | It returns the screen object for the window. |
| screenX | It returns the X coordinate of the window relative to the screen. |
| screenY | It returns the Y coordinate of the window relative to the screen. |
| Self | It returns the current window. |
| Status | It sets the text in the status bar of a window. |
| Top | It returns the topmost browser window that contains frames. |

**Window Object Method**

|  |  |
| --- | --- |
| **Method** | **Description** |
| alert() | It displays an alert box. |
| confirm() | It displays a dialog box. |
| prompt() | It displays a dialog box that prompts the visitor for input. |
| setInterval() | It calls a function or evaluates an expression at specified intervals. |
| setTimeout() | It evaluates an expression after a specified number of milliseconds. |
| clearInterval() | It clears a timer specified by setInterval(). |
| clearTimeOut() | It clears a timer specified by setTimeout(). |
| close() | It closes the current window. |
| open() | It opens a new browser window. |
| createPopup() | It creates a pop-up window. |
| focus() | It sets focus to the current window. |
| blurt() | It removes focus from the current window. |
| moveBy() | It moves a window relative to its current position. |
| moveTo() | It moves a window to the specified position. |
| resizeBy() | It resizes the window by the specified pixels. |
| resizeTo() | It resizes the window to the specified width and height. |
| print() | It prints the content of the current window. |
| scrollBy() | It scrolls the content by the specified number of pixels. |
| scrollTo() | It scrolls the content to the specified coordinates. |

## Location Object Properties

|  |  |
| --- | --- |
| **Property** | **Description** |
| [hash](https://www.w3schools.com/jsref/prop_loc_hash.asp) | Sets or returns the anchor part (#) of a URL |
| [host](https://www.w3schools.com/jsref/prop_loc_host.asp) | Sets or returns the hostname and port number of a URL |
| [hostname](https://www.w3schools.com/jsref/prop_loc_hostname.asp) | Sets or returns the hostname of a URL |
| [href](https://www.w3schools.com/jsref/prop_loc_href.asp) | Sets or returns the entire URL |
| [origin](https://www.w3schools.com/jsref/prop_loc_origin.asp) | Returns the protocol, hostname and port number of a URL |
| [pathname](https://www.w3schools.com/jsref/prop_loc_pathname.asp) | Sets or returns the path name of a URL |
| [port](https://www.w3schools.com/jsref/prop_loc_port.asp) | Sets or returns the port number of a URL |
| [protocol](https://www.w3schools.com/jsref/prop_loc_protocol.asp) | Sets or returns the protocol of a URL |
| [search](https://www.w3schools.com/jsref/prop_loc_search.asp) | Sets or returns the querystring part of a URL |

## Location Object Methods

|  |  |
| --- | --- |
| **Method** | **Description** |
| [assign()](https://www.w3schools.com/jsref/met_loc_assign.asp) | Loads a new document |
| [reload()](https://www.w3schools.com/jsref/met_loc_reload.asp) | Reloads the current document |
| [replace()](https://www.w3schools.com/jsref/met_loc_replace.asp) | Replaces the current document with a new one |