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| Differences between Document and Window Objects **Document:**   * It represents any HTML document or web page that is loaded in the browser. |
| * It is loaded inside the window. |
| * It is the object of window property. |
| * All the tags, elements with attributes in HTML are part of the document. |
| * We can access the document from a window using the window. document |
| * The document is part of BOM (browser object model) and dom (Document object model) |
| * Properties of document objects such as title, body, cookies, etc can also be accessed by a window like this window. document.title |
| **syntax**:        document.propertyname; |
| **example**:       document.title :  will return the title of the document  **Properties of document:**   * [**activeElement**](https://www.geeksforgeeks.org/html-dom-activeelement-property/): It returns the currently active elements in the document. * [**body**](https://www.geeksforgeeks.org/html-dom-body-property/): It returns the contents of the body element. * **anchors**: It returns all <a> elements that have a name attribute. * [**baseURI**](https://www.geeksforgeeks.org/html-dom-baseuri-property/): It returns a string value that represents the base URI of the document. * [**cookie**](https://www.geeksforgeeks.org/html-dom-cookie-property/): It returns the cookie of the current document. * [**charSet**](https://www.geeksforgeeks.org/html-dom-script-charset-property/): It returns a string, representing the document’s character encoding. * [**defaultView**](https://www.geeksforgeeks.org/html-dom-defaultview-property/): It returns the current Window Object. * [**designMode**](https://www.geeksforgeeks.org/html-dom-designmode-property/): It is used to set documents as editable or read-only. * [**domain**](https://www.geeksforgeeks.org/html-dom-domain-property/): It returns the domain name of the document server. * [**doctype**](https://www.geeksforgeeks.org/html-dom-doctype-property/): It returns the document’s doctype. * **embeds**: It returns the collection of all embedded elements. * [**URL**](https://www.geeksforgeeks.org/html-dom-url-property/): It returns the complete URL of the document. * **forms**: It returns all the elements of the form. * [**fullScreenElement**](https://www.geeksforgeeks.org/html-dom-fullscreenelement-property/): It returns the element that is currently present in full-screen mode. * [**title**](https://www.geeksforgeeks.org/html-dom-title-property/): It returns the title element of the document. * [**head**](https://www.geeksforgeeks.org/html-dom-head-property/): It returns the head element of the document. * **links**: It returns all <area> and <a> elements that have a href attribute. * [**lastModified**](https://www.geeksforgeeks.org/html-dom-lastmodified-property/): It returns the date and time of the current document that was last modified. * **images**: It returns the collection of <img> elements in the document. * [**implementation**](https://www.geeksforgeeks.org/html-dom-implementation-property/): It returns the DOMImplementation object associated with the current document. * [**readyState**](https://www.geeksforgeeks.org/html-dom-readystate-property/): It returns the loading status of the current document. * [**referrer**](https://www.geeksforgeeks.org/html-dom-referrer-property/): It returns the URI of the page that is linked to the current page. * **scripts**: It returns all script elements present in the document. * [**strictErrorChecking**](https://www.geeksforgeeks.org/html-dom-stricterrorchecking-property/): It sets or returns whether strict error checking can be enforced on a document or not. |

**Methods of Document:**

**Syntax**:

document.method\_name;

| **Window:** |
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| * It represents a browser window or frame that displays the contents of the webpage. |
| * It is the very first object that is loaded in the browser. |
| * It is the object of the browser. |
| * Global objects, functions, and variables of JavaScript are members of the window object. |
| * We can access the window from the window only. i.e. window.window |
| * The window is part of BOM, not DOM. |
| * Properties of the window object cannot be accessed by the document object. |
| **syntax**:  window.propertyname |
| **example**:  window.innerHeight : will return the height of the content area of the browser. |

**Properties of the window:**

* [Closed](https://www.geeksforgeeks.org/javascript-window-close-method/): It holds a Boolean value that represents whether the window is closed or not.
* console: It returns a reference to the console object which provides access to the browser’s debugging console.
* defaultStatus: It is used to define the default message that will be displayed in the status bar when no activity is carried on by the browser.
* controllers: It returns the XUL controller objects for the current Chrome window.
* [customElements](https://www.geeksforgeeks.org/html-dom-window-customelements-property/): It returns a reference to the CustomElementRegistry object, which can be used to register new custom elements and also get information about already registered custom elements.
* [crypto](https://www.geeksforgeeks.org/html-dom-window-crypto-property/): It returns the browser crypto object.
* [devicePixelRatio](https://www.geeksforgeeks.org/html-dom-window-devicepixelratio-property/): It returns the ratio between physical pixels and device-independent pixels in the current display.
* [Document](https://www.geeksforgeeks.org/html-dom-window-document-property/): It returns a reference to the document object of that window.
* DOMMatrix: It returns a reference to a DOMMatrix object, which represents 4×4 matrices, suitable for 2D and 3D operations.
* [frames[]](https://www.geeksforgeeks.org/html-dom-window-frames-properties/): It represents an array that contains all the frames of a given window.
* DOMPoint: It returns a reference to a DOMPoint object, which represents a 2D or 3D point in a coordinate system.
* History: It provides information on the URLs visited in the current window.
* [Length](https://www.geeksforgeeks.org/html-window-length-property/): It represents the number of frames in the current window.
* DOMRect: It returns a reference to a DOMRect object, which represents a rectangle.
* [fullScreen](https://www.geeksforgeeks.org/web-window-api-dom-window-fullscreen-property/): This property indicates whether the window is displayed on full screen or not.
* Location: It contains the URL of the current window.
* [innerHeight](https://www.geeksforgeeks.org/html-window-innerheight-property/): It is used to get the height of the content area of the browser window.
* [innerWidth](https://www.geeksforgeeks.org/html-window-innerwidth-property/): It is used to get the width of the content area of the browser window.
* [Name](https://www.geeksforgeeks.org/html-window-name-property/): It contains the name of the referenced window.
* Window: It returns the current window or frame.
* [Navigator](https://www.geeksforgeeks.org/html-dom-window-navigator-property/): It returns a reference to the navigator object.
* [outerHeight](https://www.geeksforgeeks.org/html-window-outerheight-property/): It will get the height of the outside of the browser window.
* [outerWidth](https://www.geeksforgeeks.org/html-window-outerwidth-property/): It will get the width of the outside of the browser window.
* [Status](https://www.geeksforgeeks.org/html-dom-window-status-property/): It overrides the default status and places a message in the status bar.
* [Top](https://www.geeksforgeeks.org/html-window-top-property/): It returns a reference to the topmost window containing a frame if many windows are opened.
* [Toolbar](https://www.geeksforgeeks.org/web-window-api-window-toolbar-property/): It will result in the toolbar object, whose visibility can be toggled in the window.
* [Opener](https://www.geeksforgeeks.org/html-dom-window-opener-properties/): It contains a reference to the window that opened the current window.
* [Parent](https://www.geeksforgeeks.org/html-dom-window-parent-property/): It refers to the frameset in which the current frame is contained.
* Screen: It refers to the screen object
* [Self](https://www.geeksforgeeks.org/html-window-self-property/): It provides another way to refer to the current window.

**Methods of Window:**

**Syntax:**

window.method\_name;