**DOCUMENT:**

* A document is an object inside the window object and we use a document object for manipulation inside the document.
* The first thing that gets loaded into the browser is the window and the properties related to that window are stored in the window object.

**DOCUMENT OBJECT:**

* The document object represents a web page that is loaded in the browser. By accessing the document object, we can access the element in the HTML page.
* With the help of document objects, we can add dynamic content to our web page.
* The document object can be accessed with a **window.document**or just**document.**
* **Syntax:**

document.property\_name;

**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;

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## **WINDOW OBJECT:**

* The window object is the topmost object of the DOM hierarchy.
* It represents a browser window or frame that displays the contents of the webpage.
* Whenever a window appears on the screen to display the contents of the document, the window object is created.
* **Syntax:** window.property\_name;

**PROPERTIES OF THE WINDOW:**

* The properties of Window objects that are commonly used are listed in the below table:
* [**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.

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