# Differences between Document and Window Objects

**DOCUMENT OBJECT:**

The document object represent 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 document objects, we can add content to our web page the document object can be accessed created in javascript.

PROCESS IN 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;

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| --- | --- |
| **Property / Method** | **Description** |
| title | Sets or returns the title of the document |
| URL | Returns the full URL of the HTML document |
| write() | Writes HTML expressions or JavaScript code to a document |
| writeln() | Same as write(), but adds a newline character after each statement |

**Types of documents**

* Structured text. Frequently asked questions and answers.
* Unstructured text. HTML files. Microsoft PowerPoint presentations. Microsoft Word documents. Plain text documents. PDFs.

**WINDOW OBJECT:**

The window object is the topmost. 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 in javascript.

PROCESS IN WINDOW

* 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 very first object that is loaded in the browser.
* It is the object of the browser.
* 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;

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| **Property Name** | **Purpose** |
| Top | It returns a reference to the topmost window containing a frame if many windows are opened. |
| Window | It returns the current window or frame. |
| Navigator | It returns a reference to the navigator object. |
| outerHeight | It will get height of the outside of the browser window. |

**Different Types** **Of Windows**

* Double-Hung Windows.
* Casement Windows.
* Awning Windows.
* Bay or Bow Windows.