**WINDOW OBJECT :-** The window is at a root/top level at the JavaScript object hierarchy. It is a global/root object in JavaScript and it is the root object of the **Document object model (DOM)**. 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.

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. Properties related to window objects are length, innerWidth, innerHeight, caches, etc.

**SYNTAX:**  window.method\_name

**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.**

So after the window gets loaded then there’s a document (HTML, PHP, or another document) loaded inside that window, and the properties related to that document is stored in the document object. Properties related to document objects are title, URL, cookie, etc.

**SYNTAX:**  document.property\_name

**DIFFERENCE BETWEEN DOCUMENT AND WINDOW OBJECT**

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| **DOCUMENT OBJECT** | **WINDOW OBJECT** |
| * It represents any HTML document or web page that is loaded in the browser. | * It represents a browser window or frame that displays the contents of the webpage. |
| * It is loaded inside the window. It is loaded after loading window because the window contains a document. | * It is the very first object that is loaded in the browser. It is loaded before the document because window container document. |
| * The properties related to it are stored in the document object. | * The properties related to it are stored in the window object. |
| * It is the object of window property. | * It is the object of the browser. |
| * All the tags, elements with attributes in HTML are part of the document. | * Global objects, functions, and variables of JavaScript are members of the window object. |
| * We can access the document from a window using the **window.document** | * We can access the window from the window only i.e., **window.window** |
| * The document is part of **BOM** (Browser object model) and **DOM** (Document object model). | * The window is part of **BOM**, **not DOM**. |
| * Properties of document objects such as title, body, cookies, etc. can also be accessed by a window like this window. document.title | * Properties of the window object cannot be accessed by the document object. |
| * **syntax:**         document.propertyname; | * **syntax:**   window.propertyname; |