Difference between document object and 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;

**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;

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| **Document** | **Window** |
| * 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 the very first object that is loaded in the browser. |
| * 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; |
| * example:        document.title :  will return the title of the document | * example:   window.innerHeight : will return the height of the content area of the browser |