**Difference between document and window object**

**Window Object:**

* It represents the browser window that contains the DOM (Document Object Model). It's the top-level object that contains properties and methods related to the browser window, such as window.innerWidth, window.location, or window.alert(). It serves as the global object for JavaScript in the browser environment.

**Document Object:**

* It represents the web page loaded in the window and provides access to the content within that page. The document object contains properties and methods to manipulate the content, structure, and styling of the web page. For instance, document.getElementById(), document.createElement(), or document.title are part of the document object.

| **Document** | **Window** |
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| 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 |