**Write a blog on the difference between document 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.

**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.

**Difference between document object 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. |
| * 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. |
| * It is loaded inside the window. | * It is the very first object that is loaded in the browser. |
| * Properties of document objects such as title, body, cookies, etc., can also be accessed by a window. | * Properties of the window object cannot be accessed by the document object. |
| * The document is part of BOM (browser object model) and DOM (Document object model) | * The window is part of BOM, not DOM. |
| * It is the object of window property. | * It is the object of the browser. |

* In essence, the **document** object primarily deals with the content and structure of the web page itself, while the **window** object encompasses the broader browser environment and controls various aspects of it.
* The **window** object acts as the gateway to the browser, providing you with tools to manipulate the browser environment, while the **document** object gives you the means to manipulate the content and structure of the web page itself.