The "document" object represents the DOM (Document Object Model), providing an interface to interact with the structure and content of an HTML or XML document.

The "window" object, on the other hand, represents the browser window or tab and provides methods and properties for managing the browser environment, such as navigation and handling events related to the window.

In summary, the "document" object deals with the content and structure of a specific document, while the "window" object manages the overall browser window or tab.

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| S.No | The Document Object | Window Object: |
| 1 | **Scope:**  The Document object represents the HTML document loaded in the current browser window.  It is limited to the scope of the specific web page. | **Global Scope:**  The Window object is global and accessible throughout a web page.  It serves as the global context for JavaScript code running within that page. |
| 2 | **Access to HTML Elements:**  Document provides methods like getElementById(), getElementsByClassName(),  and getElementsByTagName() to access and manipulate HTML elements within the page. | **Browser** **Controls**:  Window provides methods for controlling the browser, including opening new windows or tabs,  navigating to different URLs, resizing the window, and closing the current window. |
| 3 | **DOM Manipulation:**  Developers use the Document object to modify the structure and content of a web page dynamically.  This includes creating, deleting, or modifying HTML elements and their attributes. | **Timers and Intervals:**  JavaScript timers and intervals, implemented through functions like setTimeout() and setInterval(),  are part of the Window object. They allow for delayed execution of code. |
| 4 | **Events Handling:**  Event listeners can be attached to elements using the Document object. This allows developers to respond to user interactions,  such as clicks or key presses, within the web page. | **Storage and Cookies:**  Window provides access to browser storage mechanisms such as localStorage and sessionStorage,  as well as cookies. These features enable data storage and retrieval on the client-side. |
| 5 | **Document Object Model (DOM):**  The Document object is a critical component of the Document Object Model (DOM), which represents the hierarchical structure of HTML elements on a web page. | **Window Events:**  The Window object handles global events that are not tied to specific elements,  such as the window.onload event, which fires when the entire page finishes loading. |
| 6 | **Limited Global Scope:**  The Document object does not have access to global variables or functions defined in other scripts or windows.  It operates within the context of the current page. | **Global Variables:**  Variables and functions defined in the global scope become properties and methods of the Window object,  making them accessible throughout the page. |
| 7 | **Content Retrieval:**  Document facilitates the retrieval of information from the page,  including text content, element attributes, and form input values. | **Location Information:**  Window provides information about the current URL and allows you to modify it, facilitating page navigation. |
| 8 | **Styling**:  Developers can use the Document object to modify the styling of elements by changing their CSS properties and classes. | **Parent and Child Windows:**  When working with frames or iframes, the Window object provides access to parent and child window contexts. |
| 9 | **Form Handling:**  It allows you to interact with forms on the page, including form submission, validation, and manipulation of form elements. | **History Management:**  It offers methods to navigate backward and forward through the user's browsing history. |
| 10 | **Selective Element Access:**  Document enables developers to select and interact with specific elements on the page based on various criteria, such as IDs, classes, or element types. | **Cross-Origin Communication:**  Window objects of different windows or tabs in the same browser allow limited communication through mechanisms like window.postMessage(),  enabling interaction between separate pages or domains. |