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| **Feature** | **document Object** | **window Object** |
| **Definition** | Represents the HTML document in the browser. | Represents the browser window or frame. |
| **Scope** | Limited to the content of the HTML document. | Represents the entire browser window. |
| **Hierarchy** | Part of the DOM (Document Object Model). | Top-level object in the DOM. |
| **Access to Elements** | Allows access to elements within the document. | Provides access to the entire browser context, including frames and iframes. |
| **Methods** | Contains methods for manipulating the document, such as **getElementById**, **createElement**, etc. | Contains methods for controlling the browser window, such as **open**, **close**, **alert**, etc. |
| **Event Handling** | Used for handling events within the document, like **click**, **keydown**, etc. | Used for handling global events related to the browser, such as **resize**, **scroll**, etc. |
| **Location Information** | Provides information about the URL of the document through **document.URL** | Provides information about the location of the browser window through **window.location** |
| **Parent Object** | Does not have a parent object within the DOM. | The **document** object is a property of the **window** object. |
| **Origin** | Represents the origin of the document (protocol, domain, and port). | Represents the origin of the window (protocol, domain, and port). |
| **Visibility State** | Provides information about the visibility state of the document, like **hidden** or **visible**. | Offers information about the visibility state of the window. |
| **Storage Access** | Manages the local storage and session storage for the specific document. | Manages local storage and session storage for the entire browser context. |
| **Cookies** | Can access and manipulate cookies specific to the document. | Can access and manipulate cookies for the entire browser context. |
| **Forms** | Provides access to form elements and their data within the document. | Offers access to form elements and their data in the entire browser context. |
| **Styles and Layout** | Allows manipulation of styles and layout within the document. | Can be used to get or set global styles and layout properties for the entire window. |
| **Navigation** | Offers methods like **navigate** for in-page navigation. | Provides methods like **open** and **close** for controlling window navigation. |
| **Viewport Dimensions** | Provides the dimensions of the viewport for the document. | Provides dimensions of the entire browser window viewport. |
| **Focus Management** | Manages focus within the document using methods like **focus** and **activeElement**. | Manages focus within the entire browser window. |
| **Fullscreen Mode** | Allows the document to enter fullscreen mode. | Allows the entire browser window to enter fullscreen mode. |
| **Print Functionality** | Controls the printing of the specific document. | Can be used to control the print functionality of the entire browser window. |
| **Cursor Position** | Provides information about the cursor position within the document. | Does not provide direct information about the cursor position. |