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| **Document Object** | **Window Object** |
| Represents the HTML document loaded in the browser window | Represents the browser window itself |
| Limited to the content and structure of the HTML document | Encompasses the entire browser window |
| Nested within the window object | Top-level object in client-side JavaScript |
| Manages the content and structure of the HTML document | Controls the behavior and appearance of the browser window |
| Accesses and manipulates elements within the webpage | Controls aspects of the browser like resizing and navigation |
| Manages events within the HTML document, such as clicks | Handles events related to the browser window, like resizing |
| Provides methods for navigating within the document | Provides methods for navigating to new URLs or opening tabs |
| Is not a global object; accessed through the window | Serves as the global object in client-side JavaScript |
| The Document object has various properties like document.URL, document.body, document.doctype, etc., that provide information about the document. | The Window object has properties like window.innerHeight, window.innerWidth, window.localStorage, etc., that provide information about the window. |
| It provides methods like getElementById(), getElementsByClassName(), getElementsByTagName(), etc., to access HTML elements. | It provides methods like alert(), confirm(), prompt(), open(), close(), etc., to interact with the user. |
| It also provides methods to create new elements (createElement(), createTextNode()) and manipulate them (appendChild(), removeChild(), replaceChild()). | It also provides methods to handle timers (setTimeout(), setInterval(), clearTimeout(), clearInterval()) |

**Examples**

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| **// Access an element**  **var myElement = document.getElementById("myId");**  **// Create a new element**  **var newElement = document.createElement("p");**  **newElement.textContent = "This is a new paragraph.";**  **document.body.appendChild(newElement);**  **// Display an alert box** |
| **window.alert("Hello, World!");**  **// Open a new window**  **var newWindow = window.open();**  **newWindow.document.write("<h1>This is a new window</h1>");**  **// Set a timer**  **var myTimer = window.setTimeout(function() {**  **alert("5 seconds have passed!");**  **}, 5000);** |