**Difference between Window Object & Document Object**

| **Window Object** | **Document Object** |
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| **Global Object**: The window object is the global object in a web browser. It represents the browser window or tab that contains a DOM document. | **DOM Representation**: The document object represents the HTML or XML document loaded in the window. It is a property of the window object (window.document) |
| **Global Scope**: All global JavaScript objects, functions, and variables automatically become members of the window object. | **DOM Manipulation**: The document object provides methods and properties to interact with the content of the document, such as document.getElementById(), document.createElement(), document.querySelector(), and document.body. |
| **Properties and Methods**: The window object includes properties and methods that pertain to the entire browser window. Examples include window.innerHeight, window.innerWidth, window.alert(), window.setTimeout(), and window.location. | **Accessing Elements**: It allows you to access and manipulate elements within the HTML document. For example, you can change the content of an element, add new elements, and remove existing elements. |
| **Event Handling**: The window object handles events related to the entire window, such as onload, onresize, and onscroll. | **Event Handling**: The document object can handle events related to the document content, such as onclick, onkeypress, and onreadystatechange. |
| **Access to Browser Features**: It provides access to browser-related features and APIs, such as the Navigator object (via window.navigator), screen dimensions (via window.screen), and history (via window.history). | **Document Properties**: The document object contains properties that describe the document, such as document.title, document.URL, and document.cookie. |