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| **WINDOW** | **SCREEN** | **DOCUMENT** |
| The Window object represents the browser window. It is the topmost object in the browser's window hierarchy. It is supported by all browsers. | JavaScript Screen is a built-in Interface (object type) that is used to fetch information related to the browser screen on which the current window is rendered. | It is an object that provides access to all HTML elements of a document. When an HTML document is loaded into a browser window, then it the document object stores the elements of an HTML document, such as HTML, HEAD, BODY, and becomes a document object. other HTML tags as objects. |
| It is the outermost object in the browser. It is the parent of all other objects in the browser. Everything in the browser is a child of a window object | It provides information about the dimensions of the display screen such as its height, width, colour bits, etc. | A document object is a child object of the [Window object](https://www.studytonight.com/javascript/javascript-window-object), which refers to the browser. |
| All global JavaScript objects, functions, and variables automatically become members of the window object. | window object is at the top of the scope chain, the property window. screen gives the Screen object, but the screen object can be accessed without specifying the window too, in that case JavaScript automatically detects the browser window, which is created by JavaScript Runtime Engine | The Document Object provides different collection elements, such as anchor and Links which helps you to count the number of specific elements on a form. |
| Even the document object (of the HTML DOM) is a property of the window object | The JavaScript Screen object can be used for improving the user experience by controlling the UI of the web app or website based on the screen size. | The Document Object also allows you to [create cookies for a webpage](https://www.studytonight.com/javascript/cookies-in-javascript) by providing a property named cookie. A cookie stores information about the user's computer, which helps in accessing visited websites |
| The browser window (the browser viewport) is NOT including toolbars and scrollbars | It is a small information object about physical screen dimensions. | It is the main object of the potentially visible (or better yet: rendered) document object model/DOM. |