|  |  |
| --- | --- |
| **WINDOW** | **DOCUMENT** |
| The window object represents a window/tab containing a DOM document | The browser creates a Document Object Model of the page. |
| The document object is property of window object that points to the DOM document loaded in that window. | The document object represents the whole html document as a tree of Objects(HTML, HEAD, BODY, and other HTML tags). It is the root element that represents the html document. |
| Example window.open() | Example document.open() |
| Screen is the window property that holds information of browser screen. It refers to screen object associated with that window **object**. | A document object either using document property In the below example, title is the property of document object. |
| Used to display screen width, height, colorDepth, pixelDepth etc | Using document object directly as window is global object. |
| **Window**is the main JavaScript object root, aka the **global object**in a browser, also can be treated as the root of the document object model. You can access it as **window.** | The **document**object then? The Document object(**DOM**) is your html, aspx, php, or other document that will be loaded into the browser. |
| It represents the browser window in which you are seeing the content. | It represents the document loaded inside the window or browser. |
| The properties related to it are stored in the window object. | The properties related to it are stored in the document object. |
| It is loaded before the document because window container document. | It is loaded after the loading window because the window contains a document. |
| The window is the global element for all objects, functions, etc. | It is the root element of the document object model. |
| We can access document object properties inside the window. | We can not access windows objects properties inside the document. |
| logically:  window:{         document:{properties}     } | logically:  document:{ properties} |