**DOCUMENT AND WINDOW OBJECTS**

**Document Objects:**

When an HTML document is loaded into a web browser, it becomes a document object. The document object is the root node of the HTML document. The document object is a property of the window object.

**Document Object Methods:**

* document.getElementById()
* document.getElementsByName()
* document.appendChild()

**Window Objects:**

The **window object** represents an open window in browser. An object of window is created automatically by the browser. If a document contains frames (<iframe> tags), the browser creates one window object for the HTML document, and one additional window object for each frame.

**Window Object Methods:**

* window.open()
* window.close()
* window.alert()

**Differences Between Document And Window Objects**

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| **Document Objects** | **Window Objects** |
| It represents HTML document or webpage that is loaded inside the window or browser. | It represents a browser window or frame that displays the contents of the webpage |
| It is loaded after the loading window because the window contains a document. It is the root element of the document object model. | It is loaded before the document because window container document. The window is the global element for all objects, functions, etc. |
| We cannot access windows objects properties inside the document. | We can access document object properties inside the window. |
| The document is part of BOM (browser object model) and DOM (document object model) | The window is part of BOM, not DOM |
| Properties of document objects such as title, body, cookies, etc can also be accessed by a window by window.document.title | Properties of the window object cannot be accessed by the document object. |