A document is an object inside the window object and we use a document object for manipulation inside the document. The first thing that gets loaded into the browser is the window and the properties related to that window are stored in the window object.

**Document Object:**

* The document object represents a web page that is loaded in the browser.
* By accessing the document object, we can access the element in the HTML page.
* With the help of document objects, we can add dynamic content to our web page.
* The document object can be accessed with a **window.document**or just**document.**

**Syntax:**

document.property\_name;

Examples:

* title: It returns the title element of the document.
* head: It returns the head element of the document.

## ****Methods of Document****

**Syntax:**

document.method\_name;

Examples:

getElementById(): It returns the object of the given ID. If no object with that id exists then it returns null .

getElementByName(): It returns an object containing all the elements with the specified name in the document as objects.

## ****Window Object:****

The window object is the topmost object of the DOM hierarchy. It represents a browser window or frame that displays the contents of the webpage. Whenever a window appears on the screen to display the contents of the document, the window object is created.

**Syntax:**

window.property\_name;

Example:

Length: It represents the number of frames in the current window.

**Methods of Window:**

**Syntax:**

window.method\_name;

Example:

alert(): It is used to display an alert box. It displays a specified message along with an OK button and is generally used to make sure that the information comes through the user.

**Tabulation:**

|  |  |
| --- | --- |
| Document | Window |
| It represents any HTML document or web page that is loaded in the browser. | It represents a browser window or frame that displays the contents of the webpage. |
| It is loaded inside the window. | It is the very first object that is loaded in the browser. |
| It is the object of window property. | It is the object of the browser. |
| All the tags, elements with attributes in HTML are part of the document. | Global objects, functions, and variables of JavaScript are members of the window object. |
| We can access the document from a window using the window. document | We can access the window from the window only. i.e. window.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 like this window. document.title | Properties of the window object cannot be accessed by the document object. |