

Window object and Document Object

Window objects represents the current web browser window

Window objects provides access to the browser's history, location and properties and methods that allow us to interact with the browser window itself such as resizing, navigating, and closing the window

It contains information about the browser window, pke the size, the document the window contains, and the window's history.

A window object is a global object in JavaScript, which is available in all contexts throughout your code. You can access it directly using the window keyword.

- Getting the current URL of the page: `var currentUrl = window.location.href;`
- Getting the width of the browser window: `var windowWidth = window.innerWidth;`
- Getting the height of the browser window: `var windowHeight = window.innerHeight;`
- Opening a new window: `window.open('http://www.example.com', '_blank');`
- Closing the current window: `window.close();`

The window object has properties like `window.innerHeight` and methods like `window.open()` that are related to the browser window size and behavior.

Its properties include `location`, `history`, `innerWidth`, `innerHeight`, etc.

The window object also contains the location object, which represents the URL of the current window and can be used to navigate to different URLs.

The window object is the top level object that contains other objects like `document`, `history`, and `location` related to the browser window.

The syntax for a javascript document below:

`document.propertyName`

JavaScript windows methods are: `open()`, `close()`, `scrollTo()`, `alert()`, etc.

Document Object

The document object represents the web page currently loaded in the web browser. It provides access to the content of the page, as well as methods for manipulating that content.

The document object is a property of the window object and is also a global object in JavaScript, which means that it is available in all contexts throughout your code. You can access it directly using the document keyword.

- Getting the title of the document: `var docTitle = document.title;`
- Getting the last modified date of the document: `var modified = document.lastModified;`
- Getting the body element of the document: `var bodyEl = document.body;`
- Getting an element by its ID: `var el = document.getElementById('my-element');`
- Creating a new element: `var newEl = document.createElement('div');`

The document object is specific to the content of the HTML document and provides access to elements, styling, and structure within the document.

The document object has properties like `document.getElementById()` and methods like `document.createElement()` that are used to manipulate elements within the HTML document.

The document object includes properties like `document.title` to get or set the title of the HTML document displayed in the window.

The syntax for a javascript document is as follows

`document.propertyName`

JavaScript windows methods are: `getElementById()`, `createElement()`, `querySelector()`, `querySelectorAll()`, etc.

Its properties include `title`, `lastModified`, `body`, `head` and etc.