

# **DOCUMENT VS WINDOW JAVASCRIPT**

01

### Scope :

- **window** represents the **entire browser window, including tabs, address bar, and other controls.**
- **document** represents the **content (HTML) within the browser window.**

02

### Access :

- **window** is the global object in client-side JavaScript and can be accessed globally without prefixing.
- **document** is a property of the window object, so it's accessed as **window.document.**

03

### Responsibility :

- **window** handles actions related to the browser window itself, such as **resizing, navigating, or opening/closing tabs.**
- **document** is responsible for managing the **structure and content of the HTML document within the window**, like **accessing or modifying** elements.

04

### Methods :

- **window** provides methods for controlling the browser behavior, such as **window.open()** for opening a new window or **window.alert()** for displaying an alert box.
- **document** provides methods for accessing and manipulating elements within the document, like **document.getElementById()** or **document.querySelector()**.

05

### Hierarchy :

- **window** is the top-level object, encompassing everything in the browser environment.
- **document** is a part of window and represents the specific document loaded in the browser window.

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