

JavaScript – Day -2: Request & Response cycle

1) write a blog on the difference between document and window objects

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.
syntax: document.propertyname;	syntax: window.propertyname;

<p>example:</p> <p>document.title : will return the title of the document</p>	<p>example:</p> <p>window.innerHeight : will return the height of the content area of the browser</p>
---	---

Key Differences:

- **Scope:** The Document object operates within the scope of a single HTML document and its content, while the Window object has a global scope that encompasses the entire browser window or tab.
- **Hierarchy:** The Document object is a part of the Window object, as the Document represents the content of the web page displayed in the window.
- **Purpose:** The Document object is primarily used for manipulating the structure and content of a web page, while the Window object is used for managing browser-specific features and controlling the browser environment.
- **Accessing Elements:** Document provides methods to access and manipulate HTML elements, while the Window object provides methods for interacting with the browser, handling events, and managing browser settings.