JavaScript - Day -2: Request & Response cycle

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

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| **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; |
| example:  document.title : will return the title of the document | example:  window.innerHeight : will return the height of the content area of the browser |

**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.