**Difference Between Document and Window Objects**

### The Document Object

. The "document" object, in simple terms, represents this entire document or web page. It encapsulates all the content, structure, and elements that make up the page.

**some key characteristics of the document object:**

1. **Content Manipulation:** you can change the text within paragraphs, headings, or update images.
2. **Element Selection:** you can target an element with a specific ID and change its attributes or content.
3. **DOM Tree:** It represents the hierarchical structure of the web page, allowing you to traverse and manipulate elements within this structure.
4. **Access to Document Properties:** You can also access properties like the page title, URL, and various meta-information related to the document itself.

**The Window Object:** The browser window or tab in which the web page is displayed. It goes beyond the content of the page and provides control over the browser environment.

some key characteristics of the window object:

1. **Browser Control:** you can open new browser windows or tabs, resize them, and navigate to different websites.
2. **Timers and Events:** It enables the scheduling of tasks with timers, such as delaying an action or executing code at regular intervals.
3. **Location and History:** You can access and manipulate the web page's URL and the browser's history using the window object.
4. **Global Scope:** The window object serves as the global scope for JavaScript in a browser environment.

Top of Form