**difference between the document and window objects:-**

**window Object:**

1. The window object represents the browser window or tab where your web page is loaded. It is the top-level object in the browser's JavaScript hierarchy.
2. The window object contains properties and methods related to the browser itself, such as controlling the browser window, handling browser events, and managing the global environment.
3. Some common properties and methods of the window object include window.innerWidth, window.innerHeight, window.location, window.alert(), and window.setTimeout().

**document Object:**

1. The document object represents the web page or document loaded within the browser window. It is a property of the window object and provides access to the structure and content of the HTML document.
2. The document object allows you to manipulate and interact with the HTML content of the web page, including accessing elements, modifying their attributes and content, and responding to user interactions.
3. Common properties and methods of the document object include document.getElementById(), document.querySelector(), document.createElement(), and document.addEventListener().

**The key difference between the document and window objects:-**

* The window object is broader in scope and pertains to the entire browser window and its properties, such as dimensions and navigation.
* The document object is more specific and focuses on the HTML document loaded in the browser, providing access to its elements and content, enabling you to manipulate and interact with the page's structure and data.