1.Write a blog on the Difference between document and window objects?

In the context of web development, both the **document** and **window** objects are fundamental components of the Document Object Model (DOM). However, they serve different purposes and represent different aspects of the browser environment.

1. **document Object:**
   * The **document** object represents the entire HTML document.
   * It is a child of the **window** object.
   * It provides methods and properties to manipulate the content and structure of the document.
   * Developers use the **document** object to access and modify elements, handle events, and manipulate the DOM.

**window Object:**

* The **window** object represents the browser window or tab.
* It is the top-level object in the browser's object hierarchy.
* It provides methods and properties related to the browser environment, such as navigating to URLs, opening new windows, and setting timeouts.
* The **window** object encompasses the entire browsing context and includes the **document** object.