**Guvi tasks2**

**Difference between document and window object**

1. Document Object:
   * Purpose: The Document object represents the entire HTML document and provides methods and properties to access and manipulate its content. It's essentially an interface to the web page's content.
   * Accessing Elements: You can use the Document object to access elements within the HTML document, such as getting elements by their IDs, class names, or tag names.
   * Methods and Properties: The Document object provides methods and properties for manipulating the content, such as getElementById(), getElementsByClassName(), querySelector(), querySelectorAll(), and many others.
   * Events: It can also be used to attach event listeners to the entire document, making it possible to respond to user interactions and changes in the document.
   * Example: document.getElementById('myElement') is an example of using the Document object to access an element by its ID.
2. Window Object:
   * Purpose: The Window object represents the browser window or tab that contains the HTML document. It provides methods and properties for controlling the browser's behavior and interacting with the user.
   * Global Scope: The Window object is at the global scope of a JavaScript program running in a browser. Any variable declared without the var, let, or const keyword becomes a property of the Window object, making it accessible globally.
   * Methods and Properties: It includes methods and properties for managing the browser window, such as open(), close(), alert(), setTimeout(), localStorage, sessionStorage, and more.
   * Location Information: The Window object also contains information about the current URL and can be used to navigate to different web pages.
   * Example: window.open('https://example.com') is an example of using the Window object to open a new browser window or tab.