1. Write a blog on difference between document and window object

**Window Object :**

* The Window object represents the browser window that contains the DOM.
* The window object was provided us by BOM(Browser Object Model)
* It serves as the global object in client-side JavaScript, meaning all global variables and functions are properties and methods of the Window object.
* It provides properties and methods for controlling the browser window, such as opening/closing windows, resizing, navigating to URLs, and interacting with frames.
* It also provides access to the Document object (through properties like **window.document**), allowing manipulation of the webpage content.
* Examples of Window object properties/methods include **open(), close(), alert(), setInterval(), setTimeout()**, etc.
* Each browser window or tab has its own **Window** object.
* In simple terms, it's the interface to the browser itself and controls aspects of the browsing environment.

**Document Object :**

* The Document object represents the web page loaded in the browser.
* Whenever a HTML file loaded in browser Document object call HTMLDocument object constructor Function to create on document
* It provides properties and methods to interact with the content of the webpage, such as accessing and manipulating elements like paragraphs, images, forms, etc.
* The Document object is a child of the Window object, meaning it's a part of the Window's broader context.
* It provides access to various aspects of the document, including its structure, elements, styling, and events.
* Examples of Document object properties/methods include **getElementById(), getElementsByTagName(), createElement(), addEventListener()**, etc.
* In simple terms, it's the interface to the content of the webpage.