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

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| **Document** | **Window object** |
| The document object represents the entire HTML document. It is an interface to the structure and content of a web page. | The window object represents the browser window or the global object in a client-side script. It is the top-level object that contains the entire DOM and other global properties and methods. |
| The document object is part of the DOM and is often used for tasks related to document structure, content, and manipulation. | The window object also serves as the global context for JavaScript, meaning variables and functions declared in the global scope are attached to the window object. |
| It allows you to access and modify the content of elements on the page, such as changing text, manipulating styles, and updating the structure of the HTML. | The window object provides functionalities like opening new windows or tabs, setting timeouts/intervals, managing browser history, and more. |
| We can access the document from a window using the window. document | We can access the window from the window only. i.e. window.window |
| Properties of document objects such as title, body, cookies, etc can also be accessed by a window like this window. document.title | Properties of window objects cannot be accessed by document object. |
| It is loaded inside the window. | It is the very first object that is loaded in the browser. |
| syntax:  document.propertyname; | syntax:  window.propertyname; |
| Example:  var element = document.getElementById(‘element'); | Example:  var innerWidth = window.innerWidth; |

In summary, while the document object deals specifically with the content and structure of the HTML document, the window object represents the browser window and provides global functionality for managing the browser environment. They are closely related and often used together in web development to create dynamic and interactive web pages.