1.write a blog on the difference between document and window object

* The document and window objects are two of the most important objects in JavaScript. They are often used interchangeably, but there are some key differences between them.
* The document object represents the HTML document that is being displayed in the browser. It contains all of the elements in the document, as well as their attributes and values. The document object can be used to manipulate the contents of the document, such as adding or removing elements, changing their attributes, and reading or writing their values.
* The window object represents the browser window that is displaying the document. It contains information about the window, such as its size, position, and scroll position. The window object also contains references to other objects, such as the document object, the location object, and the history object.

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| **Feature** | **Document Object** | **Window Object** |
| Represents | The HTML document | The browser window |
| Contains | All of the elements in the document | Information about the window, such as its size, position, and scroll position |
| Can be used to | Manipulate the contents of the document | Access other objects, such as the location object and the history object |