DAY-02

1.Write a blog on the difference between doucment & windows object?

ANS:

DOCUMENT

A document is a data structure that represents the content of a file, webpage, or other document. It can contain a variety of information, such as text, images, links, metadata, and formatting instructions. In the context of web development, a document is typically represented by the Document Object Model (DOM), which is a hierarchical tree-like structure that represents the HTML elements and their attributes. Developers can manipulate the DOM using JavaScript to change the content, appearance, or behavior of a webpage.

WINDOWS OBJECT

A window object, on the other hand, represents a browser window or a frame within a window. It provides access to the browser's user interface and controls, such as the address bar, the back and forward buttons, and the status bar. It also provides methods for manipulating the window itself, such as resizing, moving, and closing the window. In the context of web development, the window object is part of the Window Object Model (WOM), which is a collection of objects and methods that provide access to the browser's features and capabilities.

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| DOCUMENT | WINDOWS OBJECT |
| 1.document is focused on the content of a document  2.A document represents the data that is being displayed in the window. | 1.while a window object is focused on the user interface and the browser window itself.  2.window object represents the container that is displaying the data. This means that while a document can be changed and updated to modify the content of a webpage, a window object cannot be changed in the same way. Instead, developers can use the methods provided by the window object to manipulate the browser window and the user interface. |
| 3. A document is created and loaded when a webpage is loaded, and it exists only for as long as the webpage is open. | 3. a window object represents the browser window itself, and it can persist even when the webpage is closed or navigated away from. |

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| 4. A document represents the content and data of a webpage, | 4. window object represents the container that displays the data and provides access to the browser's user interface. Understanding the difference between these two concepts is essential for building web applications that provide a rich and dynamic user experience. |