**write a blog on the difference between a document and window objects?**

This blog explores the differences between Document and Window objects in JavaScript, focusing on their roles, scopes, and functionalities, as they are essential components of the Document Object Model (DOM) for efficient web development.

**Document Object Model (DOM)**

* **Document Object Model (DOM)** is loaded inside the window and All the tags, elements with attributes in HTML are part of the document.
* Properties of document objects such as title, body, cookies, etc can also be accessed by a window like this window. Document.title

**syntax:**  **document.propertyname;**

* The document is part of BOM (browser object model) and dom (Document object model)
* The HTML source. In both cases, it is the same document but the Document Object Model (DOM) representation allows it to be manipulated. As an object-oriented representation of the web page, it can be modified with a scripting language such as JavaScript.

**Window Object**

* The Window object is a global object in client-side JavaScript, representing the browser window containing a DOM document and acting as the root of the document object model.
* Global objects, functions, and variables of JavaScript are members of the window object.
* The window is part of BOM, not DOM.
* Properties of the window object cannot be accessed by the document object.

**Syntax: window.propertyname;**

* It holds a Boolean value that represents whether the window is closed or not.

# **Conclusion**

Understanding the differences between Window and Document objects is crucial in JavaScript and web development. Window manages browser interactions, while Document acts as an interface for content manipulation. Using these functionalities allows developers to create interactive web experiences.