Write a blog on the Difference between document and window object?

**Ans:**

The document and window objects are two of the most important objects in JavaScript.

They represent the HTML document and the browser window, respectively. While they are often used together, there are some key differences between them.

Document:

The document object is a property of the window object. It represents the HTML document loaded in that window.

The document object has many useful properties and methods, such as

**1.getElementById(),**

**2.createTextNode(), and**

**3.appendChild().**

These properties and methods can be used to manipulate the HTML document.

Window Object:

The window object represents the browser window. It has many useful properties and methods, such as

**1.location,**

**2.history, and**

**3.open().**

These properties and methods can be used to control the browser window.

Difference between document and window object:

One of the key differences between the document and window objects is their scope.

The document object is scoped to the document, while the window object is scoped to the window. This means that a variable declared in the document object is only accessible within the document,

while a variable declared in the window object is accessible from anywhere within the window.

Another key difference between the document and window objects is their properties. The document object has properties that are specific to the HTML document, such as title and body.

The window object has properties that are specific to the browser window, such as innerWidth and innerHeight.

Here is a table that summarizes the key differences between the document and window objects:

|  |  |  |
| --- | --- | --- |
| Property | Document Object | Window Object |
| Scope | Scoped to the document | Scoped to the window |
| Properties | Specific to the HTML document | Specific to the browser window |

The document and window objects are two of the most important objects in JavaScript.

By understanding the differences between them, you can use them more effectively to manipulate the HTML document and control the browser window.