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

Ans:

JavaScript, the backbone of dynamic web development, introduces two pivotal objects – Document and Window. While these might appear interchangeable.

Document Object:

1. Purpose:The Document object acts as a liaison to the web page itself. It's your go-to for tweaking the content and structure within an HTML document.

2. Scope:Limited to the specific HTML document you're working with, accessible through the `document` keyword.

3. Manipulation:Think of it as your HTML maestro. Use Document for querying and modifying elements - change text content, update attributes, and handle events.

Window Object:

1. Purpose:On the other hand, the Window object symbolizes the browser window or frame. It's the global player in the JavaScript arena, managing the broader browser environment.

2. Scope:Encompasses the entire browser window. Accessed using the `window` keyword.

3. Manipulation:Window handles browser-centric tasks. Open new windows, navigate history, and control global functions.

Key Takeaways:

1. Scope Difference: Document is confined to a specific HTML document, while Window oversees the entire browser window.

2. Manipulation Focus:Document tweaks HTML elements, while Window deals with browser-related actions.

3. Access Keywords: Document is accessed with `document`, Window with `window`.