Document Object:

- Represents a web page that is loaded in the browser .
- The help of document objects, we can add dynamic content to our web page.
- Accessed with a window.document or just document.
- Syntax: document.property_name;
- The structure and content of a document, such as getElementById(), querySelector(), createElement(), and innerHTML.

Properties of document:

- activeElement   => Returns the currently active elements in the document.
- baseURI   => Returns a string value that represents the base URI of the document.
- readyState   => Returns The loading status of the current document
- domain: => Returns the domain name of the document server.

Methods of Document:

- addEventListener()   => It is used to attach an event handler to the specified element.
- getElementById()   => It returns the object of the given ID.
- getElementsByName() => It returns an object all the elements with the specified name in the document as objects.

Window Object:

- The topmost object of the DOM hierarchy.
- It represents a browser window or frame that displays the contents of the webpage.
- window appears on the screen to display the contents of the document, the window object is created.
- Syntax: window.property_name;
- client-side JavaScript, representing the browser window containing a DOM document .
- supported by all browsers,
- The browser window and automatically includes global JavaScript objects, functions, and variables as members.
- frames, tabs, or windows, such as alert(), confirm(), setTimeout(), and setInterval().

Properties of document:

- devicePixelRatio => It returns the ratio between physical pixels and device-independent pixels in the current display.
- innerHeight => It is used to get the height of the content area of the browser window.
- Navigator =>It returns a reference to the navigator object.
- Opener   =>It contains a reference to the window that opened the current window.

Methods of Window:

- blur() => It is used to remove focus from the current window.
- btoa() => It is used for encoding a string in base-64 format.
- clearInterval() => It clears the interval which has been set by the setInterval() function before that.
- clearTimeout() => It clears the timeout which has been set by the setTimeout() function before that.

Difference between document and window:

Document	window
represents any HTML document or web page that is loaded in the browser.	t represents a browser window or frame that displays the contents of the webpage.
It is loaded inside the window.	he very first object that is loaded in the browse
The document is part of BOM (browser object model) and dom (Document object model)	We can access the document from a window using the window. document
the tags, elements with attributes in HTML are part of the document.	Global objects, functions, variables of JavaScript are members of the window object.
Properties of document objects such as title, body, cookies can also accessed by a window like this window. document.title	Properties of the window object cannot be accessed by the document object.