**Read about the difference between window, screen, and document in JavaScript.**

window Object:

* The window object represents the browser window or the global context in a browser environment.
* It is the top-level object in the browser's JavaScript object hierarchy.
* Global variables and functions are attached to the window object.
* Properties and methods related to the browser window, such as size, location, and navigation, are accessed through the window object.

Examples

// Accessing the inner width of the browser window

const windowWidth = window.innerWidth;

screen Object:

* The screen object provides information about the user's screen, such as its size and pixel depth.
* It is a property of the window object, so you access it through window.screen.
* Useful properties include width, height, availWidth, availHeight, colorDepth, and pixelDepth.

Example

// Accessing the screen width

const screenWidth = window.screen.width;

document Object:

* The document object represents the web page or document being displayed in the browser.
* It provides an interface to interact with the content of the document, such as manipulating HTML elements, handling events, and modifying the structure of the page.
* The document object is often used to access and modify elements in the HTML document using methods like getElementById, getElementsByClassName, and others.

Example

// Accessing an HTML element with a specific ID

const myElement = document.getElementById('myId');