**Difference between window, screen and object in Javascript .**

**Window object :**

The window object is supported by all browsers. All global JavaScript objects , functions, and variables automatically become members of the window object. The window is the first thing that gets loaded into the browser .

This window object has the majority of the properties like length, innerWidth, innerHeight, name, if it has been closed, its parents, and more.

The window object represents the current browsing context . It holds things like window.location, window.history, window.screen, window.status, or the window.document

**Syntax :**

window.property\_name;

**Properties of the window:**

* [Closed](https://www.geeksforgeeks.org/javascript-window-close-method/): It holds a Boolean value that represents whether the window is closed or not.
* console: It returns a reference to the console object which provides access to the browser’s debugging console.
* defaultStatus: It is used to define the default message that will be displayed in the status bar when no activity is carried on by the browser.
* controllers: It returns the XUL controller objects for the current Chrome window.
* [customElements](https://www.geeksforgeeks.org/html-dom-window-customelements-property/): It returns a reference to the CustomElementRegistry object, which can be used to register new custom elements and also get information about already registered custom elements.

**Document :**

The Document interface represents any web page loaded in the browser and serves as an entry point into the web page's content, which is the DOM tree. When an HTML document is loaded into a web browser , it becomes a document object.

It is the root node of the HTML document. The document actually gets loaded inside the window object and has properties available to it like title, URL, cookie, etc. HTML documents, served with the "text/html" content type, also implement the HTMLDocument interface, whereas XML and SVG documents implement the XMLDocument interface.

**Syntax:**

document.property\_name;

**Properties of document:**

* [activeElement](https://www.geeksforgeeks.org/html-dom-activeelement-property/): It returns the currently active elements in the document.
* [body](https://www.geeksforgeeks.org/html-dom-body-property/): It returns the contents of the body element.
* anchors: It returns all <a> elements that have a name attribute.
* [baseURI](https://www.geeksforgeeks.org/html-dom-baseuri-property/): It returns a string value that represents the base URI of the document.
* [cookie](https://www.geeksforgeeks.org/html-dom-cookie-property/): It returns the cookie of the current document.

**JavaScript Window Screen**

The window.screen object contains information about the user's screen.

The window.screen object can be written without the window prefix.

Properties:

* screen.width
* screen.height
* screen.availWidth
* screen.availHeight
* screen.colorDepth
* screen.pixelDepth