**Difference between Window, Document and Screen in JavaScript**

When a web page is loaded, the browser creates a Document Object Model of the page. The document object represents the whole html document as a tree of Objects(HTML, HEAD, BODY, and other HTML tags). It is the root element that represents the html document.

## Window Vs Document

**Window object** :

It is the top most object and outermost element of the object hierarchy as shown in Figure 1.

**Document object** :

Each HTML document that gets loaded into a window becomes a document object. The document contains the contents of the page. Using document object, JavaScript can modify, add and delete the HTML elements, attributes CSS styles in the page

The window object represents a window/tab containing a DOM document where as document object is property of window object that points to the DOM document loaded in that window.

You can access a document object either using window document property or using document object directly as window is global object. In the below example, title is the property of document object.

The other major difference is that both window object and document object have properties and methods. Few method names are same in both objects but with different behavior. In the below example window open() opens a new tab or window and document open() creates a blank document within the window.

## Screen

Screen is the window property that holds information of browser screen. It refers to screen object associated with that window **object**. Used to display screen width, height, color,Depth, pixel Depth etc Similar to document screen can be accessed either by window .screen or screen object directly. Screen object doesn't have any methods as in window and document objects.