**DIFFERENCE BETWEEN WINDOWS, DOCUMENT AND SCREEN**

**WINDOW:**

The JavaScript window object site at the top of the javascript object hierachy and represents the browser window.the window object is supported by all browsers. All global js 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,or the window.document. Each of these windows gets its own separate global object. window.window always refers to window, but **window.parent** and window.top might refer to enclosing windows, giving access to other execution contexts. Moreover, the window property of a window object points to the window object itself. So the following statements all return the same window object:

window.window

window.window.window

window.window.window.window

**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 HTML document is loaded into web browser, it become 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 etc.. HTML documents, served with the “text/html content type, alos implement the HTML D document interface,whereas XML and SVG documents implement the Xml Document interface.

**SCREEN:**

Screen is small information object about physical screen dimensions. It can be used display screen width, height, colrDepth, pixelDepth etc..

It is not mandatory to write window prefix with screen object. It can be written without window prefix.

Properties:

screen.width

screen.height

screen.pixelDepth