**Read the difference between the Window,document and screen in Java script.**

**Window:**

* window is the execution context and global object for that context's JavaScript
* The window object represents the current browsing context . It holds things like window.location, window.history, window.screen, window.status, or the **window.document.**
* Window object has two properties to determine the size of the browser window.
* ***Window.innerWidth.*** gives the inner width of the browser window (in pixels)
* ***Window.innerHeight.*** gives the inner height of the browser window (in pixels)

**Document:**

* Document contains the DOM, initialized by parsing HTML.
* The **Document object** 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 its URL,Cookies.
* We can find the HTML elements by using the below **document object** methods and change the HTML element contents like style, text, attribute using the below properties:

**Find HTML Elements:**

***document.getElementById(id):*** Find and return an element by element id.

***document.getElementsByClassName(name******)***: Find and return an element by class name.

# **Screen**

Screen is a small information object about physical **screen dimensions** of the user device. It can be used to display screen width, height, colorDepth, pixelDepth **.**

**Properties:**

***screen.width***  
***screen.height***