**Difference between Document and Window Object**

* The Document Object Model (DOM) is a programming interface for web documents
* The Document Object Model (DOM) is the data representation of the objects that comprise the structure and content of a document on the web
* A web page is a document that can be either displayed in the browser window or as the HTML source and it represents the page so that programs can change the document structure, style, and content
* The DOM represents the document as nodes and objects so that programming languages can interact with the page

**Document Object**

* 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 and it represents the document loaded inside the window or browser
* The properties related to it are stored in the document object and it is loaded after the loading window because the window contains a document
* A document is an object inside the window object and we use a document object for manipulation inside the document and cannot access windows objects properties inside document

**document: {properties}**  
  
Document object Syntax:

* document.propertyname;
* window.document.propertyname;

**Window Object**

* The window is at a root/top level at the JavaScript object hierarchy. It is a global/root object in JavaScript and it is the root object of the Document object model (DOM)
* It represents the browser window in which you are seeing the content
* The properties related to it are stored in the window object
* It is loaded before the document because window container document
* The window is the global element for all objects, functions, etc.
* It is an object of the browser and We can access document object properties inside the window

**window: {document: {properties}}**  
  
Window object Syntax:

* window.propertyname;