**Difference between document and window objects**

They are part of the Document Object Model (DOM) in JavaScript. They are present in web page and serve distinct purposes.

**‘document’ object:**

* Represents the web page's HTML document.
* It can be accessed through ‘*window.document’* or simply as ‘*document’*.
* Using this we can access all the contents on the web page as we can access html structure, html elements.
* Using this we can try to modify the contents inside the page directly using the ‘inspect’ option where we get to see and use elements (+styles) and console.
* The entire white screen on the window (before adding any elements) simply represents ‘document’.
* Properties for example: title, body, createElement, createTextNode, querySelector.
* Methods for example: getElementById(), getElementsByTagName(), querySelector(), querySelectorAll()

A screenshot of a computer

Description automatically generated

**‘window’ object:**

* It represents the current (open) window or any other frames in which the JavaScript code is running.
* Window is the object of browser; it is not the object of JavaScript!
* It is the top-level object in the browser's JavaScript object hierarchy.
* The window object also contains the document object as one of its properties.
* It provides access to various properties and methods related to the browser window, including controlling the browser's behavior (e.g., opening new windows, navigating to URLs, handling events), as well as information about the screen, history, and more.
* Properties for example: innerWidth, innerHeight, location, history, cookie.
* Methods for example: open(), close(), resize(), scroll(), alert().

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