**DAY-2 TASK**

**1.write a blog on the difference between document & window objects.**

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| **Document objects** | **Window objects** |
| It represents any HTML document or web page that is loaded in the browser. | It represents a browser window or frame that displays the contents of the webpage. |
| It is the object of window property. | It is the object of the browser. |
| It is loaded inside the window. | It is the very first object that is loaded in the browser. |
| All the tags, elements with attributes in HTML are part of the document. | Global objects, functions, and variables of JavaScript are members of the window object. |
| We can access the document from a window using the window. Document. | We can access the window from the window only. i.e. window.window. |
| The document is part of BOM (browser object model) and dom (Document object model). | The window is part of BOM, not DOM. |
| Properties of document objects such as title, body, cookies, etc can also be accessed by a window like this window. document.title. | Properties of the window object cannot be accessed by the document object. |
| syntax:  document.propertyname; | syntax:  window.propertyname; |
| example:  document.title : will return the title of the document. | example:  window.innerHeight : will return the height of the content area of the browser. |
| It includes elements like <html>, <head>, and <body>, as well as all the other HTML elements within the document. | Document object and provides access to the browser's global context, including functions like alert(), setTimeout(), and localStorage. |
| It allows you to manipulate and interact with the elements, attributes, and text within the document. Common Document methods include getElementById(), querySelector(), and createElement(). | It provides methods for navigation (window.open(), window.close()), timing (setTimeout(), setInterval()), and interaction with the user (alert(), confirm(), prompt()). |
| Lifetime is tied to the HTML document. | Lifetime is tied to the browser window or tab. |
| HTML document is loaded, the Document object is created, and it persists as long as the document is open. | When you close the browser window or tab, the Window object is destroyed. |