# Q2 write a blog on the difference between document and window object

# Document Object:

* Represents a web page that is loaded in the browser.
* The help of document objects, we can add dynamic content to our web page.
* Accessed with a window. Document or just document.
* Syntax: document.property\_name;
* The structure and content of a document, such as getElementById (), querySelector(), createElement(), and innerHTML.

# Properties of document:

* activeElement => Returns the currently active elements in the document.
* baseURI => Returns a string value that represents the base URI of the document.
* readyState => Returns The loading status of the current document
* domain: => Returns the domain name of the document server.

# Methods of Document:

* addEventListener() => It is used to attach an event handler to the specified element.
* getElementById() => It returns the object of the given ID.
* getElementsByName() => It returns an object all the elements with the specified name in the document as objects.

# Window Object:

* The topmost object of the DOM hierarchy.
* It represents a browser window or frame that displays the contents of the webpage.
* window appears on the screen to display the contents of the document; the window object is created.
* Syntax: window.property\_name;
* client-side JavaScript, representing the browser window containing a DOM document.
* supported by all browsers,
* The browser window and automatically includes global JavaScript objects,

functions, and variables as members.

* frames, tabs, or windows, such as alert (), confirm (), setTimeout(), and setInterval().

# Properties of document:

devicePixelRatio => It returns the ratio between physical pixels and device- independent pixels in the current display.

* innerHeight => It is used to get the height of the content area of the browser window.
* Navigator =>It returns a reference to the navigator object.
* Opener =>It contains a reference to the window that opened the current window.

# Methods of Window:

* blur() => It is used to remove focus from the current window.
* btoa() => It is used for encoding a string in base-64 format.
* clearInterval() => It clears the interval which has been set by the setInterval() function before that.
* clearTimeout() => It clears the timeout which has been set by the setTimeout() function before that.

# Difference between document and window:

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| --- | --- |
| **Document** | **window** |
| represents any HTML document or web page that is loaded in the browser. | t represents a browser window or frame that displays the contents of the webpage. |
| It is loaded inside the window. | he very first object that is loaded in the browse |
| The document is part of BOM (browser object model) and dom (Document object model) | We can access the document from a window using the window. document |
| the tags, elements with attributes in HTML are part of the document. | Global objects, functions, variables of JavaScript are members of the window object. |
| Properties of document objects such as title, body, cookies can also be accessed by a window like this window. document.title | Properties of the window object cannot be accessed by the document object. |