

Different between Document and Window object

Window object

In a browser, Windows is the first thing that gets loaded. It is a global object. Whenever a window appears on the screen to display the contents of the document, the window object is created. Window object has the majority of the properties like length, inner-width, inner height, name, its parents, and more.

Syntax:

```
window .property_name;
```

Properties of the window:

- Closed: It holds a Boolean value which displays if the window is closed or not.
- Controllers: It returns a reference to the XUL controller object for the current window.
- Console: It returns a reference to the console object.
- Crypto: It returns the browser crypto objects.
- Document: It returns a reference to the document object of the window.
- Frames[]: It represents an array that contains all the frames of a window.
- Length: It represents the number of frames in a current window.

Document object

A Document object is loaded within a Window object. The document object allows us to access the contents in a HTML page. Dynamic contents can be added to a webpage using a document object. Document object refers to our html, aspx, php loaded into the browser.

Syntax:

```
Document.property_name;
```

Properties of document object:

- Body : It displays the contents of the body element.

- Cookie: It returns the cookies of the current document.
- Default view: It displays the current Window object.
- Domain: It returns the domain name of the webpage.
- Title: It displays the title element of the document.
- URL: It displays the complete URL of the document.
- Doctype: It returns the document's type.
- Head : It displays the head element of the document.
- Scripts: It displays all the script elements present in the document.
- Images: It displays the collection of elements in a document.

Window

- * Window is the execution context and global object.
- * Window is the main frame.
- * Window contains everything in a webpage.

Document

- * Document contains DOM, created by parsing HTML
- * Document is rendered within a window.
- * Document shows the elements.