# Difference Between Windows Object and Documents

* Document object is used for accessing the current webpage i.e. it shows any HTML Document objects properties such as title, body, etc can also be accessed by a window like this window.document.title. Syntax: document.propertyname; .

1. **Example:** document.title : will return the title of the document.

* Document object is loaded inside window whereas window is the topmost object of the DOM hierarchy.
* Document is the object of window property whereas window is the object of the browser.
* Thus, whenever a content of the document is displayed, a window object is created or is already available inside the respective browser’s JavaScript engine.
* Document object contains all the dynamically created HTML elements like tags, URL, event listeners, etc whereas window object contains global objects, functions and variables of the JavaScript.
* Document object can be accessed from window using window.document or document whereas window object can be accessed only from the window using window.window or simply window.
* Syntax : objectwindow.propertyname;.

1. **Example:** window.innerHeight : will return the height of the content area of the browser.

**The following example shows the implementation of the windows object**

|  |  |  |
| --- | --- | --- |
| <!DOCTYPE html>  <**html**>    <**head**>      <**title**> Window's Properties</**title**>      <**style**>          h1 {              color: green;          }      </**style**>  </**head**>    <**body**>      <**h1**>GeeksforGeeks</**h1**>      <**button** onclick="show()">Check</**button**>      <**p** id="prop"></**p**>          <**script**>          function show() {              var h = window.innerHeight;              var w = window.innerWidth;              var l = window.location;              var c = window.closed;              document.getElementById("prop").innerHTML =              "Frame's Height: "              + h + "<**br**>"              + "Frame's Width: "              + w + "<**br**>"              + "Window location:"              + l              + "<**br**>"              + "Window Closed: "              + c;          }      </**script**>  </**body**>    </**html**>  The following example shows the implementation of documents | | |
| <!DOCTYPE html>  <**html**>    <**head**>      <**title**>document's Properties</**title**>      <**style**>        h1 {            color: green;        }      </**style**>  </**head**>    <**body**>      <**h1**> GeeksforGeeks</**h1**>      <**button** onclick="myFunction()">CLICK ME</**button**>      <**p** id="demo"></**p**>          <**script**>          function myFunction() {              var title = document.title;              var domain = document.domain;              var body = document.body;              document.getElementById("demo").innerHTML =              "the title of the document is : "              + title              + "<**br**>"              + "domain : "              + domain              + "<**br**>"              + "body : "              + body;          }      </**script**>  </**body**>   <Html/> |

Windows Object:

The window object is the topmost object of the DOM hierarchy it represents a browser window or frame that displays the cut outs of the web page whenever appears on the screen to display the contents of the document the window object is created.

Syntax: Windows.Property\_name;

Document object:

The document object represents a web page that is loaded in the browser. By accessing the document object, we can access the element in the HTML page. With the help of objects, we can add dynamic content to our web page. The document object came can be access a vidya window dot document are just document.

Syntax : document.properrty\_n

Properties of the document:

* Active Element : it returns the currently active elements in the document
* Body : It returns content of the element
* Domain: it returns the domain name of the document server
* Title: It returns the title element of the document.

Properties of windows:

* Closed: Boolean value that represents weather the window is closed or not
* Console: it returns a reference value to the console object which provides access to the browsers debugging console turn.
* Default Status: It is used to define the default message that will be displayed in the status bar and no activities career on web browser.