# **Difference between Window, Screen and Document Object**

# **1.1 Window:**

Window is the main JavaScript object root, aka the global object in a browser, also can be treated as the root of the document object model. You can access it as window. The window is the first thing that gets loaded into the browser. This window object has the majority of the properties like length, innerWidth, innerHeight, name, if it has been closed, its parents, and more.

# **1.2 Screen (window.screen):**

The window object also has a screen object with properties describing the physical display.

The portion of a screen displaying the rendered document is the **viewport** in JavaScript, which is potentially confusing because we call an application's portion of the screen a window when talking about interactions with the operating system. window.screen or just screen is a small information object about physical screen dimensions.

**1.3 Document (window.document):**

window.document or just document is the main object of the Document Object Model (DOM). The document object is your html, php, or other document that will be loaded into the browser. The document actually gets loaded inside the window object and has properties available to it like title, URL, cookie, etc. That means if you want to access a property for the window it is window.property, if it is document it is window.document.property which is also available in short as document.property.