

Different between ``window``, ``screen``, and ``document`` :

1. ``window``: The ``window`` object is the global object in a web browser. It represents the browser window or tab that contains the current web page. It provides methods and properties for interacting with the browser, such as opening new windows, setting timeouts, and accessing the history.
2. ``screen``: The ``screen`` object represents the physical display screen on which the web page is being rendered. It provides properties such as ``width``, ``height``, and ``colorDepth`` to get information about the screen's size and capabilities.
3. ``document``: The ``document`` object represents the HTML document that is being displayed in the browser window. It provides methods and properties for manipulating the content of the document, such as adding or removing elements, changing text, and handling events.
4. ``window`` is the top-level object and parent to all other objects in a web page, including the ``screen`` and ``document`` objects.
5. ``window`` and ``document`` are both part of the DOM (Document Object Model), which is a hierarchical structure that represents the web page as a tree of objects. The ``screen`` object, on the other hand, is not part of the DOM and does not have a hierarchical structure.