1. Write a blog on Difference between document and window objects

* A web page's content is represented by the Document object, which gives dynamic manipulation access to the page's elements and structure. In the meantime, the Window object controls browser-related actions and behaviours, including the ability to open new tabs or windows and manage the history of the browser.
* Dynamic updates are made possible by the document object, which makes it easier to manipulate HTML content, including text, tags, and attributes. On the other side, the Window object provides command over the browser environment, allowing you to manipulate windows, set timers and intervals, and manage browser events.
* The Window object acts as the global object for JavaScript in the browser environment, giving access to browser-specific functionality, whilst the Document object functions inside the context of the loaded web page, giving access to its DOM structure.
* Both objects are essential to web development; the Window object gives developers control over the browser environment, improving user engagement, while the Document object gives them the ability to produce dynamic and interactive web content. It is essential to comprehend their duties in order to create web apps that are both entertaining and responsive.
* The document object makes it possible to attach event listeners to particular DOM components, which makes it easier to react to user input on the page. The window object allows developers to control the user experience at the browser level by handling browser events like page loading, resizing, and scrolling.