3.read about difference between window, screen and document in JavaScript?

Ans:

WINDOW:  
Each browser tab has its own top-level window object. Each <iframe> (and deprecated <frame>) element has its own window object too, nested within a parent window. Each of these windows gets its own separate global object. window. Window always refers to window, but window. Parent and window. Top might refer to enclosing windows, giving access to other execution contexts. In addition to document and screen described below, window properties include

SCREEN:

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

* screen properties width and height are the full screen
* screen properties avail Width and avail Height omit the toolbar

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. The getBoundingClientRect() method of any document element will return an object with top, left, bottom, and right properties describing the location of the element in the viewport.

DOCUMENT:  
Each window object has a document object to be rendered. These objects get confused in part because HTML elements are added to the global object when assigned a unique id. E.g., in the HTML snippet