3.Read about the difference between window, screen and document in javascript

-> Window:

1)Window is the execution context and the global object for that context’s Javascript.

2)Each browser tab has its own top-level window object.Each <iframe> element has its ownwindow object too, nested within a parent window.Each of these windows gets its own separate global object.

3)window.window always refers to window, but window.parent and wwindow.top might refer to enclosing windows, giving access to other execution contexts. In addition to document and screen described below, window properties include:

setTimeout() and setInterval() binding events handers to a timer.

location giving the current URL.

History with methods back() and forward() giving the tab’s mutable history.

Navigator describing the browser software.

Document:

1) Each widow object has a document object to be rendered.

2)These objects get confused in part because HTML elements are added to the global object when assigned a unique ID

For eg In the HTML snippet

<body>

<p id=”India”> This is the first para</p>

</body>

This paragraph element can be refered by any of foll.

Window.India

Window[“India”]

Document.getElementById(“India”)

Document.querySelector(“#India”)

Document.body.firstChild

Document.body.children[0]

Screen:

1) 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 availWidth and availHeight omit the toolbar

2) 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.

3) 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.