Colton Kramer | Week 9 Reading | 03/04/2022

Chapter 9:

Anything created in the global scope are properties of the global object in JavaScript and any functions are methods of it. The browser Object Model is a collection of properties and methods that contain information about the browser and computer screen. Every browser window, tab, popup, frame, and iframe has an object window. The window object has a number of properties and methods the provide information about the user’s browser. Such as

window.navigator:  
returns informations about the browser that is being used

window.location:  
contains info about the url and what the page contains

window.history:  
Used to access info about and previously visited pages in the current browser session.

You can get the width and height of the display itself with window.screen.height/width and the window size with availWidth/Height

Cookies are small files that are saved locally on a users computer. They were invented by Netscape as a way of getting round HTTP being a stateless protocol

Chapter 14:

The data- attribute is a way of embedding data in a web page using custom attributes that are ignored by the browser. HTML5 web storage provides a key-value store on the client’s computer that is similar to using cookies but fewer restrictions, more capacity, and is generally easier to use.

Web storage has critical differences from cookies.

* Info stored is not shared with the server on every request.
* Information is available in multiple windows of the browser(but not if the domain is the same)
* Storage capacity limit is much larger than 4kb limit for cookies
* Data does not automatically expire as it does with cookies

Web socket is a new protocol that allows two-way communication with a server also known as push messaging. This means that the client get a response as soon as it is received.

The notification API allows you to show messages using the systems notifications.