The push method signature is .push and it adds one or more elements to the end of an array and return the new length of the array. This method could be used in a situation where you are creating a list of students that are in a course and one is late enrolling to the class, then you could use the push method to add the student to the list.

The sort method signature is .sort and it sorts the elements of an array in place, the default order is ascending. This method is useful when you want to alphabetize a list of enrolled students in a school.

The concat() method signature is .concat and it merges 2 or more arrays, creating a whole new array. This method would be useful when there are 2 classrooms that want to be merged for an event at school.

The splice method signature is .splice and it makes a copy of an array and deletes part of the array that you command. It does not alter that original array. This method could be useful when there is a list of students enrolled in a classroom, and the school is having an event. One could use the splice method to remove students from the list that cannot attend the event.

The reverse method signature is .reverse() and it reverse the array in its place. The first element becomes the last and the last becomes the first. This method could be useful when you need to take a list of students and reverse the list of names.

The == operator compares the values, the === operator compares the values as well as the data types.

A closure gives you access to an outer function scope from an inner function.

For example:

Function init() {

var name = “sam”;

function displayName() {

var name and function displayName() are a inner functions to the outer function init() and they have access to the outer function init()

My favorite thing I learned this week has to be learning the different kinds of methods that can affect the arrays.

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/push>

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\_Objects/Array/sort

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/concat>

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/reverse>

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\_Objects/Array/slice