Array Methods

Method Name	Input *Italics indicate optional inputs*	Return Value	Purpose
Array#Splice	(target index, how many elements to remove, *additional element 1, 2, etc*)	Modifies existing array; no return	Used to mutate existing array and delete or insert items. Can insert with no deletion by using removal value of "0"
Array#Slice	(start index inclusive, end index exclusive)	New array	Used to make a new array of target indeces without modifying original array
String#Split	(character to split at)	New array	Used to split sentences into arrays; ex. array.split(" ") puts each word of sentence into array
Array#Join	(character to insert between array values)	String	Used to combine elements of an array into a string with inputted character dividing each value.
Array#Push	(value)	No return	Adds value to end of an array
Array#Pop	()	Last value of array	"Pops" last value of array off
Array#Shift	()	First value of array	"Shifts" off first value of array
Array#Unshift	(value)	No return	Adds value to front of array
Array#Includes	(value)	Boolean	Checks if array contains given value
Array#Reverse	()	No return	Reverses values in current array
Array#ForEach	function(element, *index, array*)	No return	Iterates through a loop of the array, calling a function each time
Array#Map	function(element, *index, array*)	New Array	Iterates through array, executes a function, then puts return values in new array
Array#Filter	function(element, *index, array*)	New Array	Function inside must return a boolean; filter returns new array of values that satisfy true condition
Array#Reduce	function(accumulator, element, *first value*)	Accumulator	Loops through array, re-assigning accumulator with value of function