Functional Programming: Refactor Global Variables Out of Functions

bookListshould not change and still equal ["The Hound of the Baskervilles", "On The Electrodynamics of Moving Bodies", "Philosophiæ Naturalis Principia Mathematica", "Disquisitiones Arithmeticae"].

newBookListshould equal ["The Hound of the Baskervilles", "On The Electrodynamics of Moving Bodies", "Philosophiæ Naturalis Principia Mathematica", "Disquisitiones Arithmeticae", "A Brief History of Time"].

newerBookListshould equal ["The Hound of the Baskervilles", "Philosophiæ Naturalis Principia Mathematica", "Disquisitiones Arithmeticae"].

newestBookListshould equal ["The Hound of the Baskervilles", "Philosophiæ Naturalis Principia Mathematica", "Disquisitiones Arithmeticae", "A Brief History of Time"].

function add (arr, bookName) {

let newArr = [...arr]; // Copy the bookList array to a new array.

newArr.push(bookName); // Add bookName parameter to the end of the new array.

return newArr; // Return the new array.

}

function remove (arr, bookName) {

let newArr = [...arr]; // Copy the bookList array to a new array.

if (newArr.indexOf(bookName) >= 0) { // Check whether the bookName parameter is in new array.

/.

newArr.splice(newArr.indexOf(bookName), 1); // Remove the given paramater from the new array.

return newArr; // Return the new array.

}

}

## Use the map Method to Extract Data from an Array

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/Arrow_functions>

The watchListvariable should not change.

Your code should not use a forloop.

Your code should use the mapmethod.

ratingshould equal [{"title":"Inception","rating":"8.8"},{"title":"Interstellar","rating":"8.6"},{"title":"The Dark Knight","rating":"9.0"},{"title":"Batman Begins","rating":"8.3"},{"title":"Avatar","rating":"7.9"}].

// the global variable

var watchList = [

{

"Title": "Inception",

"Year": "2010",

"Rated": "PG-13",

"Released": "16 Jul 2010",

"Runtime": "148 min",

"Genre": "Action, Adventure, Crime",

"Director": "Christopher Nolan",

"Writer": "Christopher Nolan",

"Actors": "Leonardo DiCaprio, Joseph Gordon-Levitt, Ellen Page, Tom Hardy",

"Plot": "A thief, who steals corporate secrets through use of dream-sharing technology, is given the inverse task of planting an idea into the mind of a CEO.",

"Language": "English, Japanese, French",

"Country": "USA, UK",

"Awards": "Won 4 Oscars. Another 143 wins & 198 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMjAxMzY3NjcxNF5BMl5BanBnXkFtZTcwNTI5OTM0Mw@@.\_V1\_SX300.jpg",

"Metascore": "74",

"imdbRating": "8.8",

"imdbVotes": "1,446,708",

"imdbID": "tt1375666",

"Type": "movie",

"Response": "True"

},

{

"Title": "Interstellar",

"Year": "2014",

"Rated": "PG-13",

"Released": "07 Nov 2014",

"Runtime": "169 min",

"Genre": "Adventure, Drama, Sci-Fi",

"Director": "Christopher Nolan",

"Writer": "Jonathan Nolan, Christopher Nolan",

"Actors": "Ellen Burstyn, Matthew McConaughey, Mackenzie Foy, John Lithgow",

"Plot": "A team of explorers travel through a wormhole in space in an attempt to ensure humanity's survival.",

"Language": "English",

"Country": "USA, UK",

"Awards": "Won 1 Oscar. Another 39 wins & 132 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMjIxNTU4MzY4MF5BMl5BanBnXkFtZTgwMzM4ODI3MjE@.\_V1\_SX300.jpg",

"Metascore": "74",

"imdbRating": "8.6",

"imdbVotes": "910,366",

"imdbID": "tt0816692",

"Type": "movie",

"Response": "True"

},

{

"Title": "The Dark Knight",

"Year": "2008",

"Rated": "PG-13",

"Released": "18 Jul 2008",

"Runtime": "152 min",

"Genre": "Action, Adventure, Crime",

"Director": "Christopher Nolan",

"Writer": "Jonathan Nolan (screenplay), Christopher Nolan (screenplay), Christopher Nolan (story), David S. Goyer (story), Bob Kane (characters)",

"Actors": "Christian Bale, Heath Ledger, Aaron Eckhart, Michael Caine",

"Plot": "When the menace known as the Joker wreaks havoc and chaos on the people of Gotham, the caped crusader must come to terms with one of the greatest psychological tests of his ability to fight injustice.",

"Language": "English, Mandarin",

"Country": "USA, UK",

"Awards": "Won 2 Oscars. Another 146 wins & 142 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMTMxNTMwODM0NF5BMl5BanBnXkFtZTcwODAyMTk2Mw@@.\_V1\_SX300.jpg",

"Metascore": "82",

"imdbRating": "9.0",

"imdbVotes": "1,652,832",

"imdbID": "tt0468569",

"Type": "movie",

"Response": "True"

},

{

"Title": "Batman Begins",

"Year": "2005",

"Rated": "PG-13",

"Released": "15 Jun 2005",

"Runtime": "140 min",

"Genre": "Action, Adventure",

"Director": "Christopher Nolan",

"Writer": "Bob Kane (characters), David S. Goyer (story), Christopher Nolan (screenplay), David S. Goyer (screenplay)",

"Actors": "Christian Bale, Michael Caine, Liam Neeson, Katie Holmes",

"Plot": "After training with his mentor, Batman begins his fight to free crime-ridden Gotham City from the corruption that Scarecrow and the League of Shadows have cast upon it.",

"Language": "English, Urdu, Mandarin",

"Country": "USA, UK",

"Awards": "Nominated for 1 Oscar. Another 15 wins & 66 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BNTM3OTc0MzM2OV5BMl5BanBnXkFtZTYwNzUwMTI3.\_V1\_SX300.jpg",

"Metascore": "70",

"imdbRating": "8.3",

"imdbVotes": "972,584",

"imdbID": "tt0372784",

"Type": "movie",

"Response": "True"

},

{

"Title": "Avatar",

"Year": "2009",

"Rated": "PG-13",

"Released": "18 Dec 2009",

"Runtime": "162 min",

"Genre": "Action, Adventure, Fantasy",

"Director": "James Cameron",

"Writer": "James Cameron",

"Actors": "Sam Worthington, Zoe Saldana, Sigourney Weaver, Stephen Lang",

"Plot": "A paraplegic marine dispatched to the moon Pandora on a unique mission becomes torn between following his orders and protecting the world he feels is his home.",

"Language": "English, Spanish",

"Country": "USA, UK",

"Awards": "Won 3 Oscars. Another 80 wins & 121 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMTYwOTEwNjAzMl5BMl5BanBnXkFtZTcwODc5MTUwMw@@.\_V1\_SX300.jpg",

"Metascore": "83",

"imdbRating": "7.9",

"imdbVotes": "876,575",

"imdbID": "tt0499549",

"Type": "movie",

"Response": "True"

}

];

// Add your code below this line

var rating = [];

// for(var i=0; i < watchList.length; i++){

rating.push({title: watchList[i]["Title"], rating: watchList[i]["imdbRating"]});

}

rating = watchList.map( (item) => ({"title":item["Title"], "rating":item["imdbRating"]}) );

// Add your code above this line

console.log(rating);

[{"title":"Inception","rating":"8.8"},{"title":"Interstellar","rating":"8.6"},{"title":"The Dark Knight","rating":"9.0"},{"title":"Batman Begins","rating":"8.3"},{"title":"Avatar","rating":"7.9"}].

*MAP compared to for loop*

// the global Array

var s = [23, 65, 98, 5];

Array.prototype.myMap = function(callback){

var newArray = [];

// Add your code below this line

for(var i = 0; i < s.length; i++) {

newArray.push(s[i] \* 2)

}

// Add your code above this line

return newArray;

};

var new\_s = s.myMap(function(item){

return item \* 2;

});

## Use the filter Method to Extract Data from an Array

Use a combination of filterand mapto return a new array of objects with only titleand ratingkeys, but where imdbRatingis greater than or equal to 8.0.

// Add your code below this line

var filteredList = watchList.map(function(e) {

return {title: e["Title"], rating: e["imdbRating"]}

}).filter((e) => e.rating >= 8);

// Add your code above this line

console.log(filteredList);

## Implement the filter Method on a Prototype

It would teach us a lot about the filtermethod if we try to implement a version of it that behaves exactly like Array.prototype.filter(). It can use either a forloop or Array.prototype.forEach().

Note: A pure function is allowed to alter local variables defined within its scope, although, it's preferable to avoid that as well.

Write your own Array.prototype.myFilter(), which should behave exactly like Array.prototype.filter(). You may use a forloop or the Array.prototype.forEach()method.

new\_sshould equal [23, 65, 5].

Your code should not use the filtermethod.

// the global Array

var s = [23, 65, 98, 5];

Array.prototype.myFilter = function(callback){

var newArray = [];

// Add your code below this line

this.forEach(function(x) {

if (callback(x) == true) {

newArray.push(x);

}

})

// Add your code above this line

return newArray;

};

var new\_s = s.myFilter(function(item){

return item % 2 === 1;

});

\*\* for each

var array1 = ['a', 'b', 'c'];

array1.forEach(function(element) {

console.log(element);

});

// expected output: "a"

// expected output: "b"

// expected output: "c"

### **Printing the contents of an array**

The following code logs a line for each element in an array:

function logArrayElements(element, index, array) {

console.log('a[' + index + '] = ' + element);

}

// Notice that index 2 is skipped since there is no item at

// that position in the array.

[2, 5, , 9].forEach(logArrayElements);

// logs:

// a[0] = 2

// a[1] = 5

// a[3] = 9

## Return Part of an Array Using the slice Method

The slicemethod returns a copy of certain elements of an array. It can take two arguments, the first gives the index of where to begin the slice, the second is the index for where to end the slice (and it's non-inclusive). If the arguments are not provided, the default is to start at the beginning of the array through the end, which is an easy way to make a copy of the entire array. The slicemethod does not mutate the original array, but returns a new one.

Here's an example:

var arr = ["Cat", "Dog", "Tiger", "Zebra"];  
var newArray = arr.slice(1, 3);  
// Sets newArray to ["Dog", "Tiger"]

Your code should use the slicemethod.

The inputAnimvariable should not change.

sliceArray(["Cat", "Dog", "Tiger", "Zebra", "Ant"], 1, 3)should return ["Dog", "Tiger"].

sliceArray(["Cat", "Dog", "Tiger", "Zebra", "Ant"], 0, 1)should return ["Cat"].

sliceArray(["Cat", "Dog", "Tiger", "Zebra", "Ant"], 1, 4)should return ["Dog", "Tiger", "Zebra"].

function sliceArray(anim, beginSlice, endSlice) {

// Add your code below this line

var newArr = anim.slice(beginSlice, endSlice);

return newArr

// Add your code above this line

}

var inputAnim = ["Cat", "Dog", "Tiger", "Zebra", "Ant"];

sliceArray(inputAnim, 1, 3);

## Remove Elements from an Array Using slice Instead of splice

\*\*splice mutate the original array but slice does not.

새 어레이 variable을 잡아주고 거기에 기존어레이.slice(x,y) 해주면 x(inclusive) ~ y(non-inclusive)숫자가 들어오게 됨. 또는 새 어레이 variable 잡지 않고 그냥 리턴해줘도 기존 어레이는 터치하지 않음.

Using the slicemethod instead of splicehelps to avoid any array-mutating side effects.

The inputCitiesarray should not change.

nonMutatingSplice(["Chicago", "Delhi", "Islamabad", "London", "Berlin"])should return ["Chicago", "Delhi", "Islamabad"].

function nonMutatingSplice(cities) {

// Add your code below this line

var newCities = cities.slice(0,3);

return newCities

// Add your code above this line

}

var inputCities = ["Chicago", "Delhi", "Islamabad", "London", "Berlin"];

nonMutatingSplice(inputCities);

or

function nonMutatingSplice(cities) {

// Add your code below this line

return cities.slice(0, 3);

// Add your code above this line

}

var inputCities = ["Chicago", "Delhi", "Islamabad", "London", "Berlin"];

nonMutatingSplice(inputCities);

## Combine Two Arrays Using the concat Method

concat, which is added to the end of the first array. It returns a new array and does not mutate either of the original arrays. Here's an example:

[1, 2, 3].concat([4, 5, 6]);  
// Returns a new array [1, 2, 3, 4, 5, 6]

function nonMutatingConcat(original, attach) {

// Add your code below this line

var concatArray = original.concat(attach);

return concatArray

// Add your code above this line

}

var first = [1, 2, 3];

var second = [4, 5];

nonMutatingConcat(first, second);

## Add Elements to the End of an Array Using concat Instead of push

var arr = [1, 2, 3];  
arr.push([4, 5, 6]);  
// = [1, 2, 3, [4, 5, 6]]

var arr = [1, 2, 3];  
arr.concat([4, 5, 6]);  
// = [1, 2, 3, 4, 5, 6]

nonMutatingPush([1, 2, 3], [4, 5])should return [1, 2, 3, 4, 5].

function nonMutatingPush(original, newItem) {

// Add your code below this line

return original.concat(newItem);

// Add your code above this line

}

var first = [1, 2, 3];

var second = [4, 5];

nonMutatingPush(first, second);

## Use the reduce Method to Analyze Data

// the global variable

var watchList = [

{

"Title": "Inception",

"Year": "2010",

"Rated": "PG-13",

"Released": "16 Jul 2010",

"Runtime": "148 min",

"Genre": "Action, Adventure, Crime",

"Director": "Christopher Nolan",

"Writer": "Christopher Nolan",

"Actors": "Leonardo DiCaprio, Joseph Gordon-Levitt, Ellen Page, Tom Hardy",

"Plot": "A thief, who steals corporate secrets through use of dream-sharing technology, is given the inverse task of planting an idea into the mind of a CEO.",

"Language": "English, Japanese, French",

"Country": "USA, UK",

"Awards": "Won 4 Oscars. Another 143 wins & 198 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMjAxMzY3NjcxNF5BMl5BanBnXkFtZTcwNTI5OTM0Mw@@.\_V1\_SX300.jpg",

"Metascore": "74",

"imdbRating": "8.8",

"imdbVotes": "1,446,708",

"imdbID": "tt1375666",

"Type": "movie",

"Response": "True"

},

{

"Title": "Interstellar",

"Year": "2014",

"Rated": "PG-13",

"Released": "07 Nov 2014",

"Runtime": "169 min",

"Genre": "Adventure, Drama, Sci-Fi",

"Director": "Christopher Nolan",

"Writer": "Jonathan Nolan, Christopher Nolan",

"Actors": "Ellen Burstyn, Matthew McConaughey, Mackenzie Foy, John Lithgow",

"Plot": "A team of explorers travel through a wormhole in space in an attempt to ensure humanity's survival.",

"Language": "English",

"Country": "USA, UK",

"Awards": "Won 1 Oscar. Another 39 wins & 132 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMjIxNTU4MzY4MF5BMl5BanBnXkFtZTgwMzM4ODI3MjE@.\_V1\_SX300.jpg",

"Metascore": "74",

"imdbRating": "8.6",

"imdbVotes": "910,366",

"imdbID": "tt0816692",

"Type": "movie",

"Response": "True"

},

{

"Title": "The Dark Knight",

"Year": "2008",

"Rated": "PG-13",

"Released": "18 Jul 2008",

"Runtime": "152 min",

"Genre": "Action, Adventure, Crime",

"Director": "Christopher Nolan",

"Writer": "Jonathan Nolan (screenplay), Christopher Nolan (screenplay), Christopher Nolan (story), David S. Goyer (story), Bob Kane (characters)",

"Actors": "Christian Bale, Heath Ledger, Aaron Eckhart, Michael Caine",

"Plot": "When the menace known as the Joker wreaks havoc and chaos on the people of Gotham, the caped crusader must come to terms with one of the greatest psychological tests of his ability to fight injustice.",

"Language": "English, Mandarin",

"Country": "USA, UK",

"Awards": "Won 2 Oscars. Another 146 wins & 142 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMTMxNTMwODM0NF5BMl5BanBnXkFtZTcwODAyMTk2Mw@@.\_V1\_SX300.jpg",

"Metascore": "82",

"imdbRating": "9.0",

"imdbVotes": "1,652,832",

"imdbID": "tt0468569",

"Type": "movie",

"Response": "True"

},

{

"Title": "Batman Begins",

"Year": "2005",

"Rated": "PG-13",

"Released": "15 Jun 2005",

"Runtime": "140 min",

"Genre": "Action, Adventure",

"Director": "Christopher Nolan",

"Writer": "Bob Kane (characters), David S. Goyer (story), Christopher Nolan (screenplay), David S. Goyer (screenplay)",

"Actors": "Christian Bale, Michael Caine, Liam Neeson, Katie Holmes",

"Plot": "After training with his mentor, Batman begins his fight to free crime-ridden Gotham City from the corruption that Scarecrow and the League of Shadows have cast upon it.",

"Language": "English, Urdu, Mandarin",

"Country": "USA, UK",

"Awards": "Nominated for 1 Oscar. Another 15 wins & 66 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BNTM3OTc0MzM2OV5BMl5BanBnXkFtZTYwNzUwMTI3.\_V1\_SX300.jpg",

"Metascore": "70",

"imdbRating": "8.3",

"imdbVotes": "972,584",

"imdbID": "tt0372784",

"Type": "movie",

"Response": "True"

},

{

"Title": "Avatar",

"Year": "2009",

"Rated": "PG-13",

"Released": "18 Dec 2009",

"Runtime": "162 min",

"Genre": "Action, Adventure, Fantasy",

"Director": "James Cameron",

"Writer": "James Cameron",

"Actors": "Sam Worthington, Zoe Saldana, Sigourney Weaver, Stephen Lang",

"Plot": "A paraplegic marine dispatched to the moon Pandora on a unique mission becomes torn between following his orders and protecting the world he feels is his home.",

"Language": "English, Spanish",

"Country": "USA, UK",

"Awards": "Won 3 Oscars. Another 80 wins & 121 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMTYwOTEwNjAzMl5BMl5BanBnXkFtZTcwODc5MTUwMw@@.\_V1\_SX300.jpg",

"Metascore": "83",

"imdbRating": "7.9",

"imdbVotes": "876,575",

"imdbID": "tt0499549",

"Type": "movie",

"Response": "True"

}

];

// Add your code below this line

var averageRating = watchList.filter(x => x.Director === "Christopher Nolan").map(x => Number(x.imdbRating)).reduce((x1, x2) => x1 + x2) / watchList.filter(x => x.Director === "Christopher Nolan").length;

// Add your code above this line

console.log(averageRating);

오브젝트 제이슨 > .filter()로 Director가 크리스토퍼 놀란인 어레이를 찾음 >

.map()으로 그 어레이중에 idmpRating값만 추출

filterdata and mapover it to pull what you need.

var averageRating = watchList.filter(x => x.Director === "Christopher Nolan")

returns [object Object],[object Object],[object Object],[object Object]

var averageRating = watchList.filter(x => x.Director === "Christopher Nolan").length;

returns 4

var averageRating = watchList.filter(x => x.Director === "Christopher Nolan").map(x => Number(x.imdbRating))

returns 8.8,8.6,9,8.3

Use reduceto find the average IMDB rating of the movies **directed by Christopher Nolan**.

var averageRating = watchList.filter(x => x.Director === "Christopher Nolan").map(x => Number(x.imdbRating)).reduce((x1, x2) => x1 + x2)

returns 34.7

var averageRating = watchList.filter(x => x.Director === "Christopher Nolan").map(x => Number(x.imdbRating)).reduce((x1, x2) => x1 + x2) / watchList.filter(x => x.Director === "Christopher Nolan").length;

returns 8.675

## Sort Array Method

function ascendingOrder(arr) {  
  return arr.sort(function(a, b) {  
    return a - b; (descending은 b - a)  
  });  
}  
ascendingOrder([1, 5, 2, 3, 4]);  
**// Returns [1, 2, 3, 4, 5]**

function reverseAlpha(arr) {  
  return arr.sort(function(a, b) {  
    return a < b;  
  });  
}  
reverseAlpha(['l', 'h', 'z', 'b', 's']);  
**// Returns ['z', 's', 'l', 'h', 'b']**

function alphabeticalOrder(arr) {

// Add your code below this line

return arr.sort()

// Add your code above this line

}

alphabeticalOrder(["a", "d", "c", "a", "z", "g"]);

// return ["a", "a", "c", "d", "g", "z"].

## Return a Sorted Array Without Changing the Original Array

Concat으로 먼저 빈 어레이

The globalArrayvariable should not change.

nonMutatingSort(globalArray)should return [2, 3, 5, 6, 9].

var globalArray = [5, 6, 3, 2, 9];

function nonMutatingSort(arr) {

// Add your code below this line

return [].concat(arr).sort(function(a, b) {

return a - b;

});

// Add your code above this line

}

nonMutatingSort(globalArray);

var globalArray = [5, 6, 3, 2, 9];

function nonMutatingSort(arr) {

// Add your code below this line

var concatArray = [];

concatArray = concatArray.concat(arr);

return concatArray.sort(function (a, b){

return a - b

})

// Add your code above this line

}

nonMutatingSort(globalArray);

## Split a String into an Array

var str = "Hello World";  
var bySpace = str.split(" ");  
// Sets bySpace to ["Hello", "World"]  
  
var otherString = "How9are7you2today";  
var byDigits = otherString.split(/\d/);  
// Sets byDigits to ["How", "are", "you", "today"]

splitify("This.is.a-sentence")should return ["This", "is", "a", "sentence"].

splitify("Hello World,I-am code")should return ["Hello", "World", "I", "am", "code"].

function splitify(str) {

// Add your code below this line

return str.split(/\W/); // ----------🡪 A simple regular expression can be used

// Add your code above this line

}

splitify("Hello World,I-am code");

## Combine an Array into a String Using the join Method

var arr = ["Hello", "World"];  
var str = arr.join(" ");  
// Sets str to "Hello World"

sentensify("May-the-force-be-with-you")should return "May the force be with you".

function sentensify(str) {

// Add your code below this line

return str.split(/\W/).join(' ');

// Add your code above this line

}

sentensify("May-the-force-be-with-you");

## Convert Strings to URL Slugs

urlSlug("Winter Is Coming")should return "winter-is-coming".

urlSlug(" Winter Is  Coming")should return "winter-is-coming".

// the global variable

var globalTitle = "Winter Is Coming";

// Add your code below this line

function urlSlug(title) {

return title.split(/\W/).filter((obj)=>{

return obj !=='';

}).join('-').toLowerCase();

}

// Add your code above this line

var winterComing = urlSlug(globalTitle); // Should be "winter-is-coming"

### Alternative solution

// the global variable

var globalTitle = "Winter Is Coming";

// Add your code below this line

function urlSlug(title) {

return title.toLowerCase().trim().split(/\s+/).join('-');

}

// Add your code above this line

var winterComing = urlSlug(globalTitle); // Should be "winter-is-coming"

?????????????????????? The globalTitlevariable should not change. <<<-?

// the global variable

var globalTitle = " Winter Is Coming";

// Add your code below this line

function urlSlug(title) {

var splitedTitle = title.toLowerCase().split(/\W/);

var withoutSpace = splitedTitle.filter(function(obj){

if(obj !== "") {

return obj

}

});

var joinedTitle = withoutSpace.join("-")

return joinedTitle

}

// Add your code above this line

var winterComing = urlSlug(globalTitle); // Should be "winter-is-coming"

*every* Method to Check that Every Element in an Array Meets a Criteria

The everymethod works with arrays to check if every element passes a particular test. It returns a Boolean value - trueif all values meet the criteria, falseif not.

var numbers = [1, 5, 8, 0, 10, 11];  
numbers.every(function(currentValue) {  
  return currentValue < 10;  
});  
// Returns false

checkPositive([1, 2, 3, -4, 5])should return false.

checkPositive([1, 2, 3, 4, 5])should return true.

function checkPositive(arr) {

// Add your code below this line

return arr.every(function(currentValue) {

return currentValue > 0;

});

// Add your code above this line

}

checkPositive([1, 2, 3, 4, 5]);

*some* Method to Check that Any Elements in an Array Meet a Criteria

The somemethod works with arrays to check if any element passes a particular test. It returns a Boolean value - trueif any of the values meet the criteria, falseif not.

var numbers = [10, 50, 8, 220, 110, 11];  
numbers.some(function(currentValue) {  
  return currentValue < 10;  
});  
// Returns true

checkPositive([1, 2, 3, -4, 5])should return true.

checkPositive([1, 2, 3, 4, 5])should return true.

checkPositive([-1, -2, -3, -4, -5])should return false.

function checkPositive(arr) {

// Add your code below this line

return arr.some(function(currentValue){

return currentValue > 0

})

// Add your code above this line

}

checkPositive([1, 2, 3, -4, 5]);





















