Array Map Exercises

27 SEPTEMBER 2017

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

Use the built-in method on arrays to solve all of these problems

.map()

*var new\_array = arr*.map(function *callback(currentValue[, index[, array]]) {*

// Return element for new\_array

*}*[, *thisArg*])

Feel free to copy and paste the function and tests in this assignment.

## Make an array of numbers that are **doubles** of the first array

function doubleNumbers(arr){

// your code here

}

console.log(doubleNumbers([2, 5, 100])); // [4, 10, 200]

1. Take an array of numbers and make them **strings**

function stringItUp(arr){

// your code here

}

console.log(**stringItUp**([2, 5, 100])); // ["2", "5", "100"]

1. Capitalize each of an array of names

function capitalizeNames(arr){

// your code here

}

console.log(capitalizeNames(["john", "JACOB", "jinGleHeimer", "schmidt"])

1. Make an array of strings of the names

function namesOnly(arr){

// your code here

}

console.log(namesOnly([

{

name: "Angelina Jolie", age: 80

},

{

name: "Eric Jones", age: 2

},

{

name: "Paris Hilton", age: 5

},

{

name: "Kayne West", age: 16

},

{

name: "Bob Ziroll", age: 100

}

]));

// ["Angelina Jolie", "Eric Jones", "Paris Hilton", "Kayne West", "Bob Z

1. Make an array of strings of the names saying whether or not they can go to The Matrix

function makeStrings(arr){

// your code here

}

console.log(makeStrings([

{

name: "Angelina Jolie", age: 80

},

{

name: "Eric Jones", age: 2

},

{

name: "Paris Hilton", age: 5

},

{

name: "Kayne West", age: 16

},

{

name: "Bob Ziroll", age: 100

}

]));

// ["Angelina Jolie can go to The Matrix",

// "Eric Jones is under age!!",

// "Paris Hilton is under age!!",

// "Kayne West is under age!!",

// "Bob Ziroll can go to The Matrix"]

1. Make an array of the names in h1 s, and the ages in

h2 s

function readyToPutInTheDOM(arr){

// your code here

}

console.log(readyToPutInTheDOM([

{

name: "Angelina Jolie", age: 80

},

{

name: "Eric Jones", age: 2

},

{

name: "Paris Hilton", age: 5

},

{

name: "Kayne West", age: 16

},

{

name: "Bob Ziroll", age: 100

}

]));

// ["<h1>Angelina Jolie</h1><h2>80</h2>",

// "<h1>Eric Jones</h1><h2>2</h2>",

// "<h1>Paris Hilton</h1><h2>5</h2>",

// "<h1>Kayne West</h1><h2>16</h2>",

// "<h1>Bob Ziroll</h1><h2>100</h2>"]