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; Title: Predicates Arrays

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; Description: Utilize Predicate to use .filter() method

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const header = require('../week-2/Savickas-header')

let headerValue = header.display("Grayton", "Savickas", "Exercise 4.4")

console.log(headerValue + "\n");

// Array of state names

let stateArray = ["Pennsylvania", "Nevada", "Michigan", "Wyoming", "Colorado"];

console.log(stateArray + "\n");

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\* getState

\* Params: String1, String2

\* Response: Returns

\* Description: Function that compares 2 strings and returns a boolean true if they equal

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function getState(String1, String2){

if (String1 == String2){

return true;

}

}

// Value that we are looking to filter

let n = "Nevada"

console.log(n + " is the value we want!" + "\n")

// Assigning x the value of Filter method that finds elements equal to Nevada

// IMPORTANT NOTE: For unknown reasons it may take 2 runs in debugging for the console of x to appear

let x = stateArray.filter(function(x) {

console.log(x)

return getState(x, n)

});

console.log("\n");

// Output

console.log(x);