


Some Every Exercise

Write the functions below and ensure that the tests pass, you can find the tests in the downloaded code.

 [js-array-some-every-exercise-starter.zip](#) 2.2KB

hasOddNumber

Write a function called `hasOddNumber` which accepts an array and returns `true` if the array contains at least one odd number, otherwise it returns `false`.

```
hasOddNumber([1,2,2,2,2,2,4]) // true hasOddNumber([2,2,2,2,2,4]) // false
```

hasAZero

Write a function called `hasAZero` which accepts a number and returns `true` if that number contains at least one zero. Otherwise, the function should return `false`

```
hasAZero(33321232131012) // true hasAZero(1212121) // false
```

hasOnlyOddNumbers

Write a function called `hasOnlyOddNumbers` which accepts an array and returns true if every single number in the array is odd. If any of the values in the array are not odd, the function should return false.

```
hasOnlyOddNumbers([1,3,5,7]) // true hasOnlyOddNumbers([1,2,3,5,7]) // false
```

hasNoDuplicates

Write a function called `hasNoDuplicates` which accepts an array and returns true if there are no duplicate values (more than one element in the array that has the same value as another). If there are any duplicates, the function should return false.

```
hasNoDuplicates([1,2,3,1]) // false hasNoDuplicates([1,2,3]) // true
```

hasCertainKey

Write a function called `hasCertainKey` which accepts an array of objects and a key, and returns true if every single object in the array contains that key. Otherwise it should return false.

```
let arr = [ {title: "Instructor", first: 'Elie', last:"Schoppik"}, {title: "Instructor",  
first: 'Tim', last:"Garcia", isCatOwner: true}, {title: "Instructor", first: 'Matt', las  
t:"Lane"}, {title: "Instructor", first: 'Colt', last:"Steele", isCatOwner: true} ] hasCe  
rtainKey(arr,'first') // true hasCertainKey(arr,'isCatOwner') // false
```

hasCertainValue

Write a function called `hasCertainValue` which accepts an **array of objects** and a key, and a value, and returns true if every single object in the array contains that value for the specific key. Otherwise it should return false.

JavaScript

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```
let arr = [ {title: "Instructor", first: 'Elie', last:"Schoppik"}, {title: "Instructor",  
first: 'Tim', last:"Garcia", isCatOwner: true}, {title: "Instructor", first: 'Matt', las  
t:"Lane"}, {title: "Instructor", first: 'Colt', last:"Steele", isCatOwner: true} ] hasCe  
rtainValue(arr,'title','Instructor') // true hasCertainValue(arr,'first','Elie') // fals  
e
```

▼ Solution

```
function hasOddNumber(arr){ return arr.some(function(val){ return val % 2 !== 0; })  
} function hasAZero(num){ return num.toString().split('').some(function(val){ return  
val === '0'; }) } function hasOnlyOddNumbers(arr){ return arr.every(function(val){ r  
eturn val % 2 !== 0; }) } function hasNoDuplicates(arr){ return arr.every(function(v  
al){ return arr.indexOf(val) === arr.lastIndexOf(val); }); } function hasCertainKey  
(arr, key){ return arr.every(function(val){ return key in val }) } function hasCerta  
inValue(arr, key, searchValue){ return arr.every(function(val){ return val[key] ===
```