

Maps and Sets Exercise

Quick Question #1

What does the following code return?

```
new Set([1,1,2,2,3,4])
```

Quick Question #2

What does the following code return?

```
[...new Set("referee")].join("")
```

Quick Questions #3

What does the Map *m* look like after running the following code?

```
let m = new Map();  
m.set([1,2,3], true);  
m.set([1,2,3], false);
```

hasDuplicate

Write a function called hasDuplicate which accepts an array and returns true or false if that array contains a duplicate

```
hasDuplicate([1,3,2,1]) // true  
hasDuplicate([1,5,-1,4]) // false
```

vowelCount

Write a function called `vowelCount` which accepts a string and returns a map where the keys are numbers and the values are the count of the vowels in the string.

```
vowelCount('awesome') // Map { 'a' => 1, 'e' => 2, 'o' => 1 }  
vowelCount('Colt') // Map { 'o' => 1 }
```

Solution

See [Our solution <solution/index.html>](https://curriculum.rit.edu/solution/index.html).