**Quick Question #1**

What does the following code return?

**new** Set([1,1,2,2,3,4]) *// {1,2,3,4}*

**Quick Question #2**

What does the following code return?

[...**new** Set("referee")].join("") *// "ref"*

**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**);

*/\**

*0: {Array(3) => true}*

*1: {Array(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*

**const** hasDuplicate = arr => **new** Set(arr).size !== arr.length

**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 }*

**function** isVowel(**char**){

**return** "aeiou".includes(**char**);

}

**function** vowelCount(str){

**const** vowelMap = **new** Map();

**for**(**let** **char** **of** str){

**let** lowerCaseChar = **char**.toLowerCase()

**if**(isVowel(lowerCaseChar)){

**if**(vowelMap.has(lowerCaseChar)){

vowelMap.set(lowerCaseChar, vowelMap.get(lowerCaseChar) + 1);

} **else** {

vowelMap.set(lowerCaseChar, 1);

}

}

}

**return** vowelMap;

}