Taylar Conway

**Maps & Sets Exercise**

**Quick Question #1**

**new** *Set*([1, 1, 2, 2, 3, 4]);

returns [1,2,3,4]

**Quick Question #2**

[...**new** *Set*("referee")].join("");

returns "ref"

**Quick Question #3**

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

1: {*Array*(3) => *false*}

**Quick Question#4**

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

**vowelCount**

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;

}