1. Set(4) {1,2,3,4}
2. ‘ref’
3. 0: {Array(3) => true}

1: {Array(3) => false}

1. const hasDuplicate = arr => new Set(arr).size !== arr.length
2. 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;

}