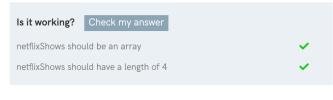
Challenge: Arrays - Adding **Elements**

Challenge

Use a built-in JavaScript method to add another show to the netflixShows array. Then log your updated array to the console.



Reminder: If you have a question - ask it to a mentor on the CSX Slack in the #csx-challenge-help channel.

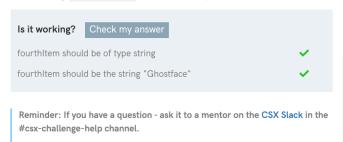
We don't provide solutions to all problems on CSX; we feel the best way to learn a new skill is by persevering through the "hard learning." However, we are always available to discuss best practices, and if you want to talk through your solution, share your code with us by emailing us at csx@codesmith.io.

```
1 const netflixShows = ["Orange is the New Black", "Black Mirror", "Chewing Gum"];
5 netflixShows.push('Rivers');
7 console.log(netflixShows);
                                                               Reset Code
                                                                         End Code
                                                                                   Save Code Run Code
                                                                                         Clear Terminal
```

```
let numbers = [1, 2, 3, 4];
numbers.push(5);
console.log(numbers); // should log: [1, 2, 3, 4, 5]
numbers.pop();
console.log(numbers); // should log: [1, 2, 3, 4]
```

Challenge

Create a variable called **fourthItem** and assign it the value of the fourth item in the **horror** array ('Ghostface'). Then console.log **fourthItem** to see the output.



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```
1 const horror = ['Freddy', 'Jason', 'Michael', 'Ghostface', 'Chucky'];
4 const fourthItem = 'Ghostface';
7 console.log(fourthItem);
                                                                 Reset Code
                                                                            End Code | Save Code |
                                                                                                Run Code
                                                                                            Clear Terminal
```

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CSX > Precourse - Part 2 > Challenge: For Loops and Array Indic...

the format "My name is [firstName] [lastName] and I am from [place]" into the array holding the respective bios.



#csx-challenge-help channel.

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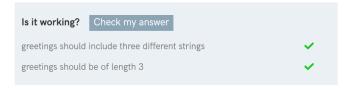
```
3 const places = ["The Wall", "Winterfell", "Kings Landing"];
 4 const bios = [];
12 for (let i = 0; i < firstNames.length; i++){
       bios.push(i+' My name is ' + firstNames[i] + ' ' + lastNames[i] + ' and I am from ' +
   places[i])
14 }
    console.log("length:",bios.length);
    console.log(bios);
                                                                  Reset Code
                                                                             End Code
                                                                                      Saved!
                                                                                              Run Code
 ['O My name is Jon Snow and I am from The Wall']
 ['O My name is Jon Snow and I am from The Wall', '1 My name is Arya Stark and I am from
                                                                                          Clear Terminal
```

CSX > Precourse - Part 2 > Challenge: For Loops and Arrays

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Challenge: For Loops and Arrays

- 1. Iterate through the **synonyms** array using a for loop, pushing a greeting string with the format "Have a *[synonym]* day!" into the greetings array.
- 2. Use a second for loop to iterate through the **greetings** and console.log() each greetings.



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Challenge: For Loops - Calculating Array Elements

You are given an array of five numbers called increaseByTwo. Use a for loop to iterate through the array and increase each number by two.

Is it working? Check my answer

increaseByTwo should be an array

increaseByTwo increaseByTwo should equal [3, 4, 5, 6, 7]

Reminder: If you have a question - ask it to a mentor on the CSX Slack in the #csx-challenge-help channel.

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Challenge: Objects - Adding Properties

You are provided with an array, possibleIterable. Using a for loop, build out the object divByThree so that each key is an element of possibleIterable that is divisible by three. The value of each key should be the array index at which that key can be found in possibleIterable.

Is it working? Check my answer

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```
1 bonst possibleIterable = [4, 3, 9, 6, 23];
2 const divByThree = {};
3    // ADD CODE HERE
4 let arr = [];
5 for (let i = 0; i < possibleIterable.length; i++) {
6         if (possibleIterable[i] % 3 === 0){
7             divByThree[possibleIterable[i]] = i
8         }
9        };
10
11 console.log(divByThree)

Reset Code End Code Save Code Run Code

Clear Terminal</pre>
```

Paramanu Cadannith

Challenge: Objects - Evaluating Keys

You are given an object called sumMe containing several key/value
pairs and a variable called total whose initial value is 0. Using a
for... in loop, iterate through the keys of sumMe; if the
value corresponding to a key is a number, add it to total.

Is it working? Check my answer

Reminder: If you have a question - ask it to a mentor on the CSX Slack in the #csx-challenge-help channel.

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Completed **⊘** | ¶ Previous

```
1 const sumMe = {
    hello: 'there',
     you: 8,
     almost: '10',
    done: '!'
7 };
10 for (const property in sumMe) {
           if (typeof sumMe[property] === 'number') {
         total += sumMe[property];
14 }
15 console.log(total);
                                                                  Reset Code
                                                                            End Code
                                                                                     Save Code
                                                                                                Run Code
                                                                                            Clear Terminal
```