Siobhan Lynch Week Four Homework Due Wednesday March 4 2020 at 6pm

Basic Slider Project 2: counts toward **65%** of the **final grade**
Week 4 Homework Part 2: counts toward **20%** of the **final grade**

Basic Slider Project 2:
Great design. Love the colors and the graphics. You made it your own! Great layout too. Good work!
Basic Slider Project 2 Grade: 100%

Week 4 Homework Part 2:

1. Correct.
2. Correct.
3. Correct.
4. Correct!
5. Correct!
6. Correct!
7. Correct! You got it.
8. Right idea. With a a couple of tweaks, would be fine. You gave me the following code:

```
9.  function myFunction() {
10.     var text = "";
11.     var i;
12.     for (i = 0; i < 5; i++) {
13.         if (i === 3) {
14.             continue;
15.         }
16.         text += "The number is " + i + "<br>";
17.     }
```

You forgot to close the function with a closing curly brace. You also forgot to put in a console.log to print something out to the console. Or you could have gone the innerHTML property route. And since you are using a function, you should call it afterward. So it should have *either been* something **like this**:

```
function myFunction() {
  var text = "";
  var i;
  for (i = 0; i < 5; i++) {
    if (i === 3) {
      continue;
    }
    text += "The number is " + i + "<br>";
  }
  console.log(text);
}
myFunction();
```

or *something like this*:

```
function myFunction() {
  var text = "";
  var i;
  for (i = 0; i < 5; i++) {
    if (i === 3) {
      continue;
    }
    text += "The number is " + i + "<br>";
    document.querySelector(".text").innerHTML = text;
  }
}
myFunction();
```

And then **in** the **index.html**, *something like this*:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>

<body>
    <div class="text"></div>
    <script src="main2.js"></script>
</body>

</html>
```

(**-3.13**)

9. **Correct! You did not have to access each element (index) in the array, but that's totally fine!**
10. **Correct! Very well done with accessing the objects in the array!**
11. **Very nicely done, but I was asking for a for loop. Could you provide me with one that loops over the array? Hint: Remember, with the for loop, it will be *done a bit differently*. (-3.13)**
12. **You gave me too much information here. It was basically following the example I used to compare a for in loop with a for of loop. All I needed here was (look at next page):**

```
const iterable = [3, 5, 7];
iterable.foo = "hello";
for (const i in iterable) {
  console.log(i); // logs 0, 1, 2, "foo", "arrCustom", "objCustom"
}
```

This also includes the enumerable property that is added to iterable and prints out to the console:
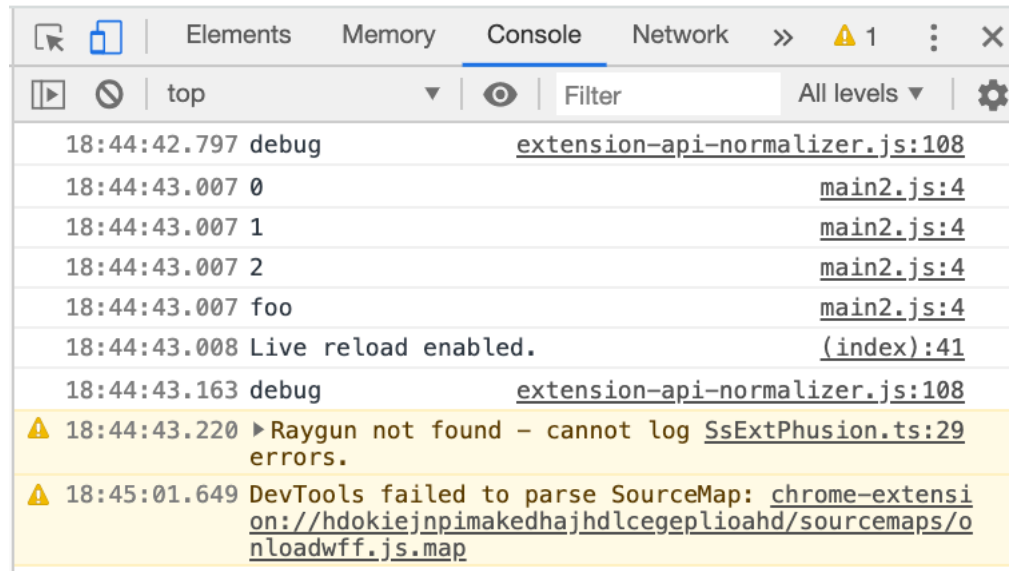
which is a very nice touch. All the other information just creates "unnecessary" and irrelevant "noise". **(-3.13)**

13. Correct!

14. What is the **other difference** between the for in loop and the for of loop? What does the for of loop **actually loop over**? **You want to give it another stab**? **Hint:** If the for in loop loops over the enumerable **properties** of an object, what does the for of loop **loop over**? **(-1.56)**

15. Correct.

16. The **second part** of **your answer** is **what** I was **looking for**. The **break** is an **exception** to the rule and is used within an **if/conditional statement**. I was asking "Why does a loop IN GENERAL terminate?" **Both parts of the answer do terminate the loop. The break statement does terminate it, but *in general*, the loop terminates when the conditions set in the loop are no longer true. (-1.56)**

100% - 12.51% = 87.49%

Week 4 Homework Part 2 Grade: 87.49%