

Capitalize Challenge

We have arrived at our first challenge. Every once in a while I'm going to ask you to figure out a problem or do something using what we have already learned. I will not ask you to do a challenge that involves doing something that we have not yet gone over.

If you feel stuck and can not figure it out on your own, that is absolutely fine. I will walk you through the solution(s), so that you can understand how to solve the problem.

Instructions:

Take the variable `myString` and capitalize the first letter of the word using some of the methods that we talked about in the last video. Put the result in a variable called `myNewString`.

Create multiple solutions if you would like.

Expected Result:

```
const myString = 'developer';  
  
console.log(myNewString); // 'Developer'
```

Hints:

1. You can use the `charAt()` method as well as `string[index]` to get the character at a specific index.
2. The `.toUpperCase()` method will make the entire string uppercase
3. `substring()` or `slice()` will return a specific portion of a string

► Click For Solution

There are many ways to do this. Let's take a look at a few

```
// Solution 1  
const myNewString = myString.charAt(0).toUpperCase() +  
myString.substring(1);  
  
// Solution 2 (Uses string[0] instead of string.charAt(0))  
const myNewString = myString[0].toUpperCase() + myString.substring(1);  
  
// Solution 3 (Uses template literal and slice())  
const myNewString = `${myString[0].toUpperCase()}${myString.slice(1)}`;
```

In all of these, we get the first character of the string, then we use the **substring()** or **slice()** method to get the rest of the string. We then use the **toUpperCase()** method to capitalize the first character and then we concatenate the result with the rest of the string.