**map() method**

* map() creates a new array from calling a function for every array element.
* map() does not execute the function for empty elements.
* map() does not change the original array.

**Syntax**

**Return the length of an array:**

array.map(function(currentValue, index, arr), thisValue)

**Example 1**

<script>

const numbers = [4, 9, 16, 25];

document.getElementById("demo").innerHTML = numbers.map(Math.sqrt);

</script>

**Output**: 2,3,4,5

**Example 2**

<script>

const numbers = [65, 44, 12, 4];

const newArr = numbers.map(myFunction);

document.getElementById("demo").innerHTML = newArr;

function myFunction(num) {

return num \* 10;

}

</script>

**Output**: 650, 440, 120, 40