

Javascript Array map() Method

- description : Javascript Array map() Method
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- lastupdate : 2021-05-26

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[JavaScript Array map\(\) Method](#)

Example

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```
<body>

  <p>Click the button to get the square root of each element in the
  array.</p>

  <button onclick="myFunction()">Try it</button>

  <p id="demo"></p>

  <script>
    var numbers = [4, 9, 16, 25];

    function myFunction() {
      x = document.getElementById("demo");
      x.innerHTML = numbers.map(Math.sqrt);
      console.log(numbers.map(Math.sqrt)); /* (4)[2, 3, 4, 5] */
    }
  </script>
</body>
```

Definition and Usage

map()

map()

Note: map ()

Note:

Syntax

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

Parameter Values

Parameter	Description	
function (currentValue, index, arr)	Argument	Description
	currentValue	.
	index	.
	arr	가
thisValue	. "this" 가 , "undefined" "this" .	

Technical Details

Return Value:	
JavaScript version:	ECMAScript 5

More Examples

Example

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```
<body>  
  
<p>Multiply every element in the array with 10:</p>  
  
<p id="demo"></p>  
  
<script>  
  var numbers = [65, 44, 12, 4];  
  var newarray = numbers.map(myFunction);
```

```

function myFunction(num) {
    return num * 10;
}
document.getElementById("demo").innerHTML = newarray; // 650,440,120,40
</script>

</body>

```

Example

(full name) 가 .

```

<body>

  <p>Click the button to get a new array with the full name of each person
  in the array.</p>
  <button onclick="myFunction()">Try it</button>

  <p>New array: <span id="demo"></span></p> <!-- Malcom Reynolds,Kaylee
  Frye,Jayne Cobb -->

  <script>
    var persons = [
      { firstname: " Malcom", lastname: "Reynolds" },
      { firstname: "Kaylee", lastname: "Frye" },
      { firstname: "Jayne", lastname: "Cobb" }
    ];

    function getFullName(item) {
      var fullname = [item.firstname, item.lastname].join(" ");
      return fullname;
    }

    function myFunction() {
      document.getElementById("demo").innerHTML =
        persons.map(getFullName);
    }
  </script>

</body>

```

, [Javascript](#), [Array](#), [map\(\)](#), [Method](#)

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Last update: 2022/03/10 19:52

