**Reduce() method**

* The reduce() method executes a reducer function for array element.
* The reduce() method returns a single value: the function's accumulated result.
* The reduce() method does not execute the function for empty array elements.
* The reduce() method does not change the original array.

**Syntax**

array.reduce(function(total, currentValue, currentIndex, arr), initialValue)

**Example 1**

<p>Subtract the numbers in the array, starting from the left:</p>

<script>

const numbers = [175, 50, 25];

document.getElementById("demo").innerHTML = numbers.reduce(myFunc);

function myFunc(total, num) {

return total - num;

}

</script>

**Output**: 100

**Example 2**

<p>Compute the sum of the rounded numbers in an array.</p>

<script>

const numbers = [15.5, 2.3, 1.1, 4.7];

document.getElementById("demo").innerHTML = numbers.reduce(getSum, 0);

function getSum(total, num) {

return total + Math.round(num);

}

</script>

**Output**: 24