

JavaScript Array every() method

The JavaScript array every() method checks whether all the given elements in an array are satisfying the provided condition. It returns true when each given array element satisfying the condition otherwise false.

Syntax

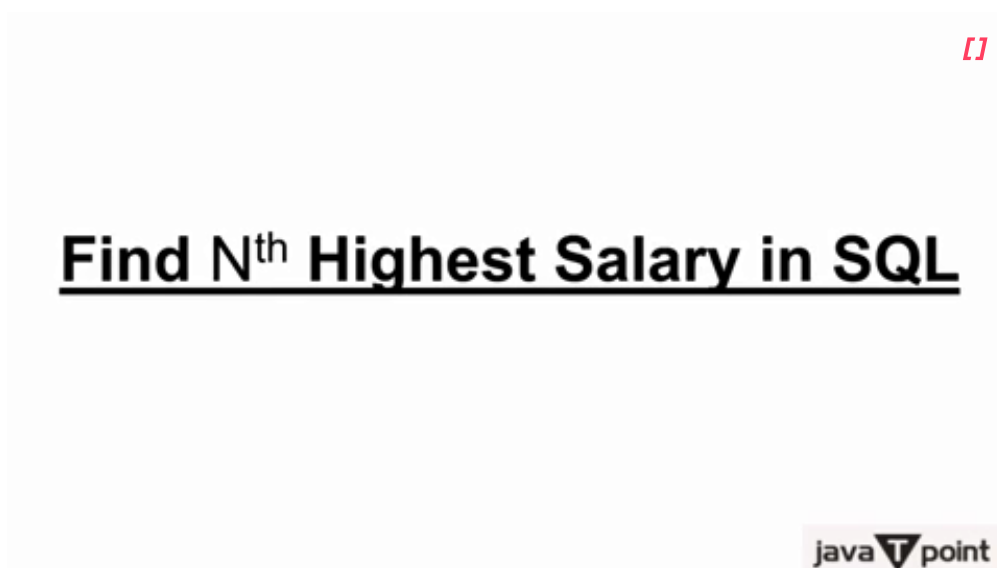
The every() method is represented by the following syntax:

```
array.every(callback(currentvalue,index,arr),thisArg)
```

Parameter

callback - It represents the function that test the condition.

currentvalue - The current element of array.



index - It is optional. The index of current element.

arr - It is optional. The array on which every() operated.

thisArg - It is optional. The value to use as this while executing callback.

Return

A Boolean value.

JavaScript Array every() method example

Let's see some examples of every() method.

Example 1

Let's check the marks of a student.

```
<script>
var marks=[50,40,45,37,20];

function check(value)
{
    return value>30; //return false, as marks[4]=20
}

document.writeln(marks.every(check));
</script>
```

Test it Now

Output:

```
false
```

Example 2

In this example, we will test whether the number of elements present in an array are satisfying the specified value.

```
<script>
function test(element, index, array) {
    return index < 4;
}
```

```
document.writeln([21,32,2,43].every(test)); //true  
document.writeln([21,32,2,43,35].every(test)); //false  
</script>
```

Test it Now

Output:

true false

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