

JavaScript Array copyWithin() method

The JavaScript array `copyWithin()` method copies the part of the given array with its own elements and returns the modified array. This method doesn't change the length of the modified array.

Syntax

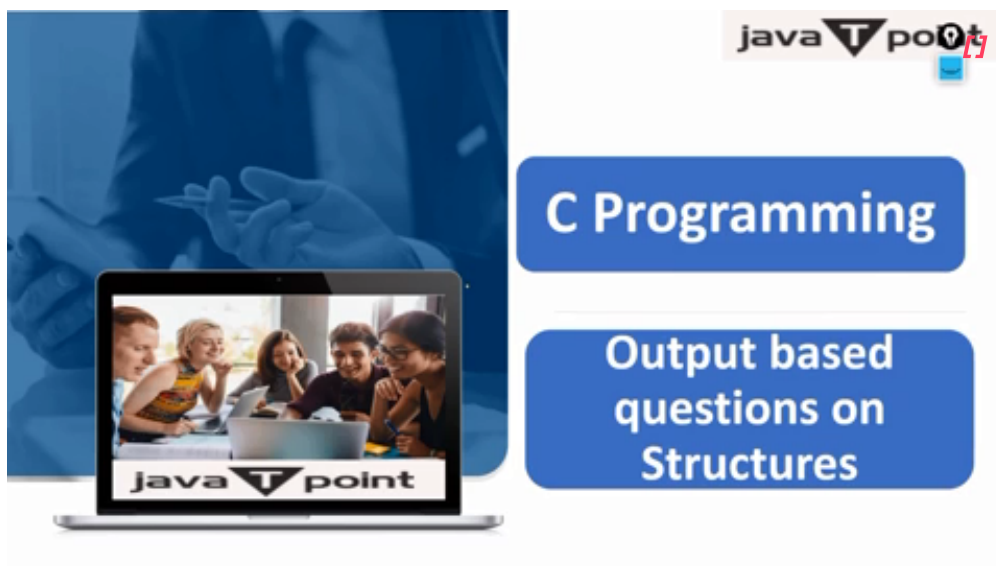
The `copyWithin()` method is represented by the following syntax:

```
array.copyWithin(target, start, end)
```

Parameter

target - The position where the copied element takes place.

start - It is optional. It represents the index from where the method starts copying elements. By default, it is 0.



end - It is optional. It represents the index at which elements stops copying. By default, it is `array.length-1`.

Return

The modified array.

JavaScript Array copyWithin() method example

Let's see some examples of `copyWithin()` method.

Example 1

Here, we will pass the target, start and end index with the method.

```
<script>
var arr=["AngularJS","Node.js","jQuery","Bootstrap"]
// place at 0th position, the element between 1st and 2nd position.
var result=arr.copyWithin(0,1,2);
document.writeln(result);
</script>
```

Test it Now

Output:

```
Node.js,Node.js, jQuery, Bootstrap
```

Example 2

Let's see one more example where we will copy two elements.

```
</script>
var arr=["AngularJS","Node.js","jQuery","Bootstrap"]
// place from 0th position, the elements between 1st and 3rd position.
var result=arr.copyWithin(0,1,3);
document.writeln(result);
</script>
```

Test it Now

Output:

```
Node.js, jQuery, jQuery, Bootstrap
```

Example 3

In this example, we will provide only the target index and start index.

```
<script>
var arr=["AngularJS","Node.js","jQuery","Bootstrap"];
// place from 1st position, the elements after 2nd position.
var result=arr.copyWithin(1,2);
document.writeln(result);
</script>
```

Test it Now

Output:

AngularJS, jQuery, Bootstrap, Bootstrap

Example 4

In this example, we will provide target index only.

```
<script>
var arr=["AngularJS","Node.js","jQuery","Bootstrap"];
// place from 2nd position, the elements after 0th position.
var result=arr.copyWithin(2);
document.writeln(result);
</script>
```

Test it Now

Output:

AngularJS, Node.js, AngularJS, Node.js