

# 8 JAVASCRIPT ARRAY METHODS



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# Push

The `push()` method adds new elements to the end of an array, and returns the new length



```
const arr = ["The", "Code"];  
arr.push("Crumbs");  
  
// ["The", "code", "Crumbs"]
```



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# Slice

The `slice()` method selects a part of an array, and returns the new array



```
const arr = ["The", "Code", "Crums"];  
arr.slice(1, 2);
```

```
//["Code"]
```



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# Tostring

The ToString method converts an array to a string, and returns the result



```
const arr = ["The", "Code", "Crums"];  
arr.toString();
```

```
//The, Code, Crums
```



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# Shift

The `shift()` method removes the first element of an array, and returns that element



```
const arr = ["The", "Code", "Crums"];  
arr.shift();
```

```
// ["Code", "Crums"]
```



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# Map

The `map()` method creates a new array with the results of calling a function for every array element



```
const arr = [1, 4, 9, 16];  
arr.map(x => x * 2);
```

```
//[2, 8, 18, 32]
```



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# Pop

The `pop()` method removes the last element of an array, and return that element.



```
const arr = ["The", "Code", "Crumbs"];  
arr.pop();
```

```
// ["The", "Code"]
```



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# Filter

The `filter()` method creates an array filled with all array elements that pass a test (provided as a function)



```
const arr = ["The", "Code", "Crums"];  
arr.filter(word => word.length > 3);  
  
// ["Code", "Crums"]
```



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# Includes

The `includes()` method determines whether an array contains a specified element



```
const arr = ["The", "Code", "Crums"];  
arr.includes("Code");
```

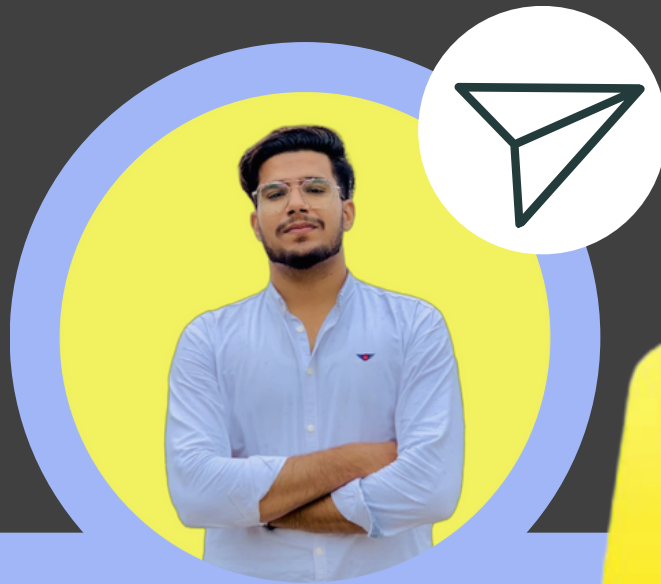
```
//True
```



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