

Report

1-foreach:

The `foreach()` method is an iterative method. It calls a provided `callbackFn` function once for each element in an array in ascending-index order. Unlike `map()`, `foreach()` always returns undefined and is not chainable. The typical use case is to execute side effects at the end of a chain.

Example:

JavaScript Demo: `Array.forEach()`

```
1 const array1 = ['a', 'b', 'c'];  
2  
3 array1.forEach(element => console.log(element));  
4
```

2-Map:

The `map()` method creates a new array populated with the results of calling a provided function on every element in the calling array.

The `map()` method is an iterative method. It calls a provided `callbackFn` function once for each element in an array and constructs a new array from the results.

Example:

JavaScript Demo: `Array.map()`

```
1 const array1 = [1, 4, 9, 16];  
2  
3 // Pass a function to map  
4 const map1 = array1.map(x => x * 2);  
5  
6 console.log(map1);  
7 // Expected output: Array [2, 8, 18, 32]  
8
```