

## Javascript 8 - Closures, loops, maps, and filters

### Using forEach to loop

1. Predict the type of the variable `addPadding`. Add `console.log(typeof(addPadding))`; to check if you are right.
2. Can you chain the last two lines as `list.forEach().forEach()`?
3. Change the `list.forEach(addColor)`; to the following loop. Are the results the same?

```
for (let it of list) {  
  addColor(it);  
}
```

### Using map to loop

4. What happens if you split the `list.map().map()` into two separate calls to `list.map()`?
5. Remove the `Array.from()` call for defining `list`. What happens? What if you use `.forEach(addColor)` instead of `.map(addColor)`?

### Using map and filter

6. What happens if you change the order of where the filter occurs?

### Using map and forEach

7. What happens if you do the `forEach()` before the call to `map()`?