

# DOM Manipulations & Performance

This lesson discussed few drawbacks of manipulation the DOM using JavaScript and how we can overcome this problem.

Updating the DOM through JavaScript code causes the browser to compute the new page display. Frequent manipulations can lead to slowdowns and sub-par performance. As such, you should keep DOM access and update operations to a minimum.

Creating and setting element properties before they're inserted into the DOM is a good way to preserve performance.

## JavaScript

```
1 // Bad: DOM is updated multiple
2 const newNode = document.create
3 parentNode.appendChild(newNode)
4 newNode.id = ...; // Set some e
5 newNode.textContent = "...";
6 // ...
7
8 // Better: DOM is updated only
9 const newNode = document.create
10 newNode.id = ...; // Set some e
11 newNode.textContent = "...";
12 // ...
13 parentNode.appendChild(newNode)
```

