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

```
// Bad: DOM is updated multiple times
const newNode = document.createElement(...); // Create new element
parentNode.appendChild(newNode); // Add it to the DOM
newNode.id = ...; // Set some element properties
newNode.textContent = "...";
// ...

// Better: DOM is updated only once
const newNode = document.createElement(...); // Create new element
newNode.id = ...; // Set some element properties
newNode.textContent = "...";
// ...
parentNode.appendChild(newNode); // Add it to the DOM
```