DOM (Document Object Model) Manipulation techniques:

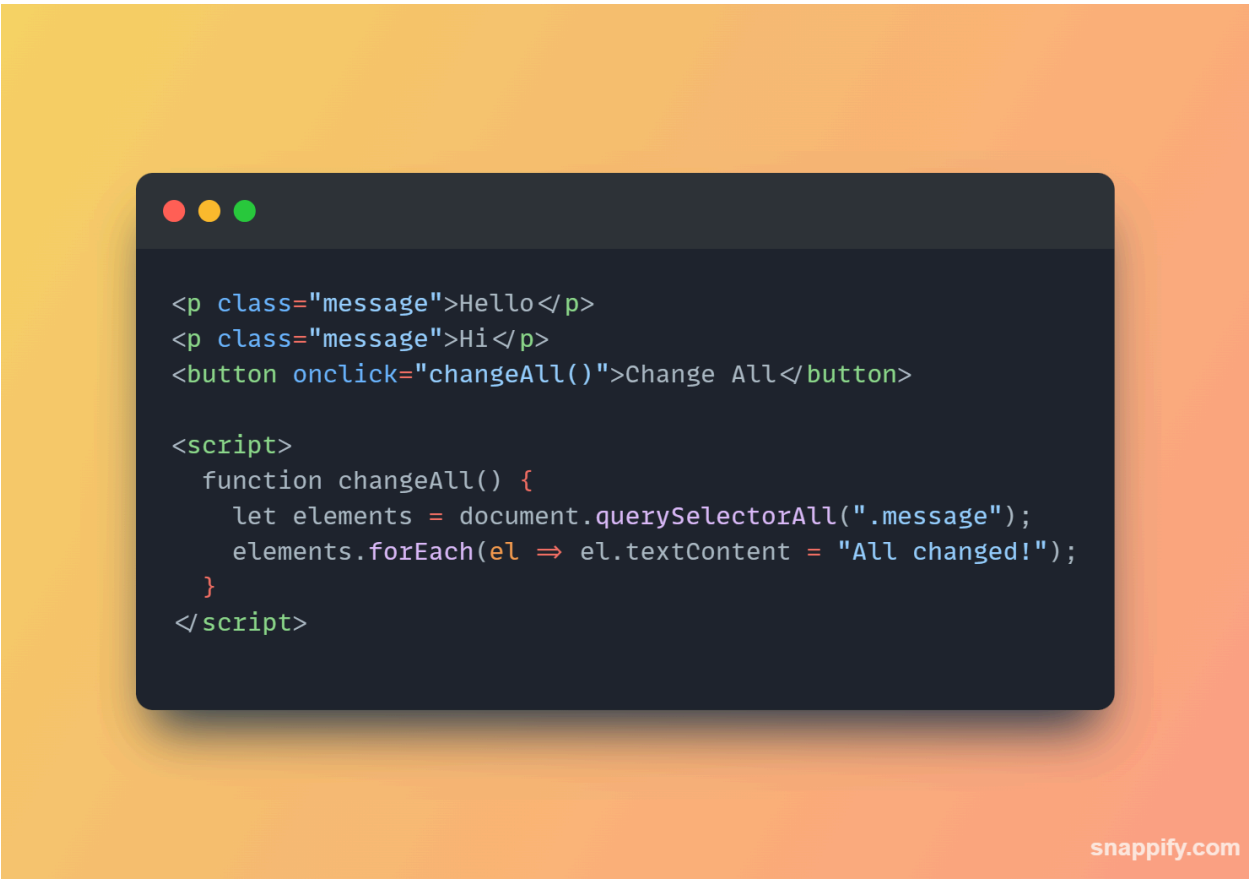
document.getElementById()
Finds an element by its `id` and allows you to modify it.

Usage: Finds the element with `id="demo"` and changes its text.

document.querySelector()
Selects the first matching element (by class, id, or tag).

Usage: Only the first `<p class="message">` is changed.

document.querySelectorAll()
Selects all elements that match a CSS selector and returns a `NodeList`.



Usage: Changes text in all elements with class `"message"`.

innerHTML
Changes the HTML inside an element.

Usage: Modifies the entire inner content of the `<div>`.

textContent
Changes the text inside an element (ignores HTML).

Usage: Unlike `innerHTML`, it removes HTML formatting.

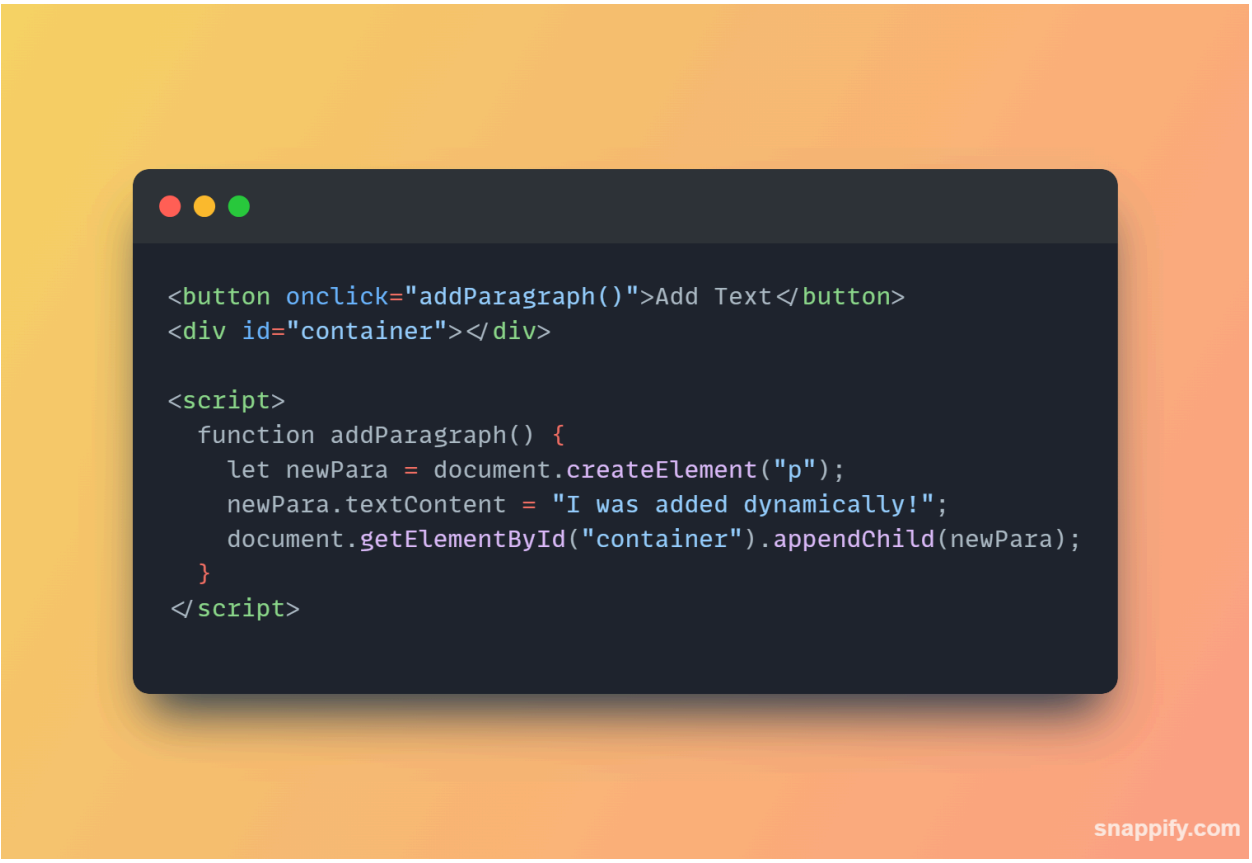
`style` (Inline CSS)
Changes the CSS styles of an element.

Usage: Directly modifies the CSS property of the element.

`classList.add()` and `classList.remove()`
Adds or removes CSS classes dynamically.

Usage: Adds the "highlight" class, applying styles.

createElement() and appendChild()
Dynamically creates and adds a new element to the DOM.




```
<button onclick="addParagraph()">Add Text</button>
<div id="container"></div>

<script>
  function addParagraph() {
    let newPara = document.createElement("p");
    newPara.textContent = "I was added dynamically!";
    document.getElementById("container").appendChild(newPara);
  }
</script>
```

Usage: Creates a new <p> and adds it to the .

removeChild()

Removes an element from the DOM.

Usage: Removes a specific <li> from the list.

setAttribute() and getAttribute()

Modifies or retrieves an element's attribute.

Usage: Updates the src attribute and logs the new value.