# **DOM Day 1: Basics & Mini Project**

### ■ Day 1 – DOM Basics (Fast-Track)

1■■ What is the DOM?

DOM = Document Object Model  $\rightarrow$  A tree structure of your HTML page. Every tag = a node (element, text, attribute). JavaScript can read, modify, and delete these nodes dynamically.

## **2**■■ Selecting Elements (Core Skills)

■ Best practice → use querySelector & querySelectorAll.

#### 3■■ Changing Text, HTML, Attributes, Styles

```
const title = document.querySelector("#title");

// Change text
title.textContent = "Hello DOM!";
title.innerHTML = "<span style='color:red'>Hi DOM</span>";

// Change attribute
title.setAttribute("class", "highlight");

// Change style
title.style.color = "blue";
title.style.fontSize = "22px";
```

## **4**■■ Creating & Appending Elements

```
const div = document.createElement("div");
div.textContent = "I was created using DOM!";
div.style.padding = "l0px";
div.style.backgroundColor = "lightgreen";
// Add to page
document.body.appendChild(div);
```

## 5**■■** Removing Elements

```
const oldElement = document.querySelector("#old");
oldElement.remove();    // deletes it
```