

Day 2 – June 21, 2025

Topic: JavaScript Basics & DOM Manipulation

Introduction

Today, I learned how JavaScript makes web pages dynamic. I explored variables, loops, functions, and events.

JavaScript Fundamentals

- Declared variables using `let` and `const`.
- Created functions to perform calculations and handle events.

DOM Manipulation

- Selected HTML elements using `document.querySelector` and `getElementById`.
- Changed text, style, and content dynamically.

Example

```
document.getElementById("myBtn").addEventListener("click", () => {  
    document.getElementById("demo").innerText = "Button Clicked!";  
});
```

Challenges Faced

- Understanding event listeners and callback functions.

Key Learnings

- JavaScript makes static pages interactive.
- Debugging in the browser console is helpful.

Conclusion / Reflection

I feel more confident adding interactivity to web pages. I plan to practice JS functions and DOM manipulation further.