Day 10 - JavaScript Variables and Operators

Date: 09 July 2025

The Day 10 session of the Web Development Training delved deeper into JavaScript fundamentals, focusing on variables and operators. Participants explored how data is stored, manipulated, and processed using different types of variables and operators.

Key topics covered included:
• Understanding JavaScript variables and the difference between var, let, and const.
• Data types in JavaScript: string, number, boolean, object, and undefined.
• Working with arithmetic operators (+, -, *, /, %, ++, --).
• Using logical operators (&&, ||, !).
• Understanding comparison and assignment operators.
• Introduction to boolean logic and expressions.
• Performing basic mathematical operations and logical evaluations in the console.

Hands-on exercises helped participants write small programs that used variables to store values and perform operations based on user input. By the end of the session, learners had a solid understanding of how JavaScript handles data and logic flow, setting the stage for control statements and loops in upcoming lessons.