# Day 9 - Introduction to Programming, Scripting & Query Languages + Introduction to JavaScript

Date: 08 July 2025

The Day 9 session of the Web Development Training marked the beginning of the programming and scripting phase. Participants were introduced to the concepts of programming, scripting, and query languages, followed by an introduction to JavaScript — one of the most widely used scripting languages for web development.

Key topics covered included:
• Understanding the difference between programming, scripting, and query languages.
• The role of scripting languages in web development and automation.
• Overview of JavaScript as a client-side scripting language.
• JavaScript syntax, structure, and basic rules.
• How JavaScript interacts with HTML and CSS to create dynamic web pages.
• Writing and executing simple JavaScript programs using browsers and console.

The practical portion of the session involved writing short JavaScript scripts to manipulate webpage content, display alerts, and handle user interactions. By the end of the day, learners had a clear understanding of JavaScript's importance in creating interactive and responsive web applications.