

Programming in JavaScript

 Duration: 3 Days

 Available Languages: English German

Audience

Developers who want to learn JavaScript.

Precondition

Knowledge of HTML fundamentals.

Goals

Learn how to use JavaScript to design and develop dynamic Web pages.

Contents

- JavaScript Overview
 - # Introduction to JavaScript
 - # Variable Declarations
 - # var vs let vs const
 - # JavaScript Primitive Types - Boolean, Number, String, Undefined, Null
 - # Interacting with the User - alert, prompt, confirm
 - # JavaScript Operators - Arithmetic, Assignment
 - # Callbacks
 - # Arrow Functions
 - # Using the Math and Date Objects
- Overview of Client Side JavaScript
- Controlling Flow
 - # Conditional Constructs - if else, switch
 - # Loop Types - do while, while, for, for in
 - # Branching Statements - break, continue
 - # Equality and Identity Operators
 - # Logical and Comparison Operators
 - # Error Handling - try, catch, throw, finally
- Strings, Numbers and Arrays
 - # Creating String Objects
 - # Using String Methods
 - # Creating Number Objects
 - # Creating Arrays and Accessing Array Elements
 - # Common Array Methods
- Functions
 - # Declaring and Invoking Functions
 - # Passing Arguments
 - # Global and Local Scope

- # Returning Values from a Function
- # this Keyword
- JavaScript / NodeJS Threading Model
- Async
- Browser Object Model
- Introduction to DOM
 - # What is DOM
 - # Selecting DOM elements
 - # Modifying Page Content with the DOM
- Event Handling in JavaScript
- Working with Forms
- Using Regular Expressions
- Working with JavaScript Objects and JSON
- Using Ajax
- HTML5 JavaScript APIs

Booking

Contact Siddhesh Nikude, +91-95-52572354, training@nelkinda.com