

Certificate of participation

Issued to : Tanja DOUCIN

Title of the course :

Introduction to JavaScript – the language of the browser!

Date of the course : from 05/10/2024 to 26/10/2024

Hours of training : 16 (100%)

Attendance rate : 100%

Esch-sur-Alzette, 29 October 2024



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Introduction to JavaScript – the language of the browser!

Content

Learn basic language elements using input and output windows o Embed JavaScript in HTML using the tag o Value output using message boxes with the alert() function o Value output via JavaScript console using the console.log() function o Value input via input windows using the prompt() function o Variables, data types (int, float, string, boolean), autotyping, assignment o Arithmetic operators, concatenation operator "+". o Convert strings to numbers using the parseInt() & parseFloat() functions o Use standard Math library to program simple mathematical calculations o Embed outsourced JavaScript code o Manipulate the content of an HTML element o Access HTML elements using the document.getElementById() function o Modify the value of an HTML element using the value attribute and the content of an HTML element using the innerHTML attribute. o Modify CSS properties using JavaScript. • Use buttons and react to events o Use buttons and evaluating the onclick/onchange attribute of different HTML elements. o The onload attribute in the tag o Functions without parameters for event evaluation • Conditional statements o Conditional statement (if), branching (if...else) o Comparison operators, logical operators o Multiple branching • Elementary validation of input fields • Loops

Learning Outcomes

On completion of this course, participants are capable to: • Use JavaScript to add dynamic behaviour to the website • Validate user forms • Create new website elements • Manipulate existing website elements

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