

JavaScript

Course Contents:

I Introduction to JavaScript

1. Introduction to web development and JavaScript
2. How to create a JavaScript application
3. How to test and debug a JavaScript application
4. XHTML
5. CSS

II JavaScript Essentials

6. How to get input and displays output
7. How to work with numbers, strings, dates
8. How to code control statements
9. How to create and use array
10. How to create and use function
11. How to create and use objects
12. How to use regular expressions, handle exceptions, and validate data

III DOM Scripting

- Basic DOM scripting
- Advanced event handling
- Advanced DOM manipulation
- How to script CSS
- How to script tables and forms
- Animation with DOM scripting

IV Other JavaScript Skills

- How to control the web browser
- How to use JavaScript libraries