

Javascript - COURSE CONTENT

Ch1: Introduction to JavaScript

- ☐ What JavaScript Is and What JavaScript Is Not
- ☐ What JavaScript Is Used For
- ☐ JavaScript and Events
- ☐ What Versions? What Browsers?
- ☐ Where to Put JavaScript
- ☐ JavaScript and Old or Disabled Browsers
- ☐ JavaScript from External Files

Ch2: Script Setup

- ☐ The HTML Document and JavaScript
- ☐ Syntactical Details
- ☐ Generating HTML and Printing Output
- ☐ About Debugging

Ch3: Data Types, Literals, and Variables

- ☐ Data Types
- ☐ Variables
- ☐ Bugs to Watch For

Ch4: Dialog Boxes

- ☐ Interacting with the User

Ch5: Operators

- ☐ About JavaScript Operators and Expressions
- ☐ Types of Operators
- ☐ Datatype Conversion
- ☐ Special Operators

Ch6: Conditions

- ☐ Control Structures, Blocks, and Compound Statements
- ☐ Conditions
- ☐ Loops

Ch7: Functions

- ☐ What is a Function
- ☐ Debugging

Ch8: Objects

- ☐ What Are Objects?
- ☐ User-Defined Objects
- ☐ Manipulating Objects

Ch9: JavaScript Core Objects

- ☐ What Are Core Objects?
- ☐ Array Objects
- ☐ Array Properties and Methods
- ☐ The Date Object
- ☐ The Math Object
- ☐ What Is a Wrapper Object?

Ch10: Navigator, Windows, and Frames

- ☐ JavaScript and the Browser Object Model

Ch11: Document Objects: Forms, Images, and Links

- ☐ The Document Object Model
- ☐ Introduction to Forms
- ☐ Introduction to Images
- ☐ Introduction to Links

Ch12: Handling Events

- ☐ Introduction to Event Handlers
- ☐ Event Handlers as JavaScript Methods
- ☐ Handling a Window or Frame Event
- ☐ Handling Mouse Events
- ☐ Handling Link Events
- ☐ Handling a Form Event
- ☐ Handling Key Events: onKeyPress, onKeyDown, and onKeyUp
- ☐ Handling Error Events
- ☐ The event Object

Ch13: Regular Expressions and Pattern Matching

- ☐ What Is a Regular Expression?
- ☐ Creating a Regular Expression
- ☐ Getting Control-The Metacharacters
- ☐ Form Validation with Regular Expressions
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- ☐ Getting Control-The Metacharacters

- ☐ Form Validation with Regular Expressions

Ch14: Cookies

- ☐ What Are Cookies?
- ☐ Creating a Cookie with JavaScript

Ch15: Style Sheets, the DOM, and JavaScript

- ☐ What Is Dynamic HTML?
- ☐ What Is a Style Sheet?
- ☐ Types of Style Sheets
- ☐ Where Does JavaScript Fit In?

Ch16: JavaScript Web Resources

- ☐ HTML Documents
- ☐ CGI and Perl