

HTML, JavaScript

1. HTML Elements

- Attributes
- Empty vs. Container Tags
- Blocks and Inline Elements
- Comments

2. HTML vs. XHTML

- DOCTYPE Declarations
- Closing Tags
- Case Sensitivity
- Nesting
- The HTML Skeleton
- The <head> Element
- The <body> Element
- Special Characters

3. HTML Formatting

- Simple Formatting Tags
- The Tag
- size
- color
- face
- <basefont>
- Applying Colors to the Page
- Aligning Text
- The <center> Tag
- The align Attribute
- Links

- Text Links
- Absolute vs. Relative Paths
- Absolute Paths
- Relative Paths
- Default Pages
- Targeting New Windows
- Email Links
- Anchors
- Images
- Inserting Images
- Height and Width
- Borders and Space Around the Image
- Border
- Buffers
- Alternate Text
- Image Alignment
- Image Links
- Lists
- Unordered Lists
- Nesting Unordered Lists
- Type Attribute
- Ordered Lists
- Nesting Ordered Lists
- Type Attribute
- Start Attribute
- Definition Lists

4. 7. Tables

- Creating Tables

- Adding a Caption
- Attributes
- <table> Attributes
- <tr> Attributes
- <td> and <th> Attributes
- Merging Cells

5. Forms

- How HTML Forms Work
- The <form> Tag
- Get vs. Post
- Form Elements
- Text Fields
- Password Fields
- Dropdown Menus
- Checkboxes
- Radio Buttons
- Textareas
- Hidden Fields

Introduction to JavaScript

1. JavaScript Basics

- The Name "JavaScript"
- The HTML DOM
- JavaScript Syntax
- Dot Notation
- Square Bracket Notation 4. Where Is JavaScript Code Written?
- JavaScript Objects, Methods and Properties

2. Methods

3. Properties

4. The Implicit window Object

5. The getElementById() Method

6. Event Handlers

7. 2. Variables, Arrays and Operators

- JavaScript Variables
- A Loosely-typed Language
- Storing User-Entered Data
- Arrays
- Associative Arrays
- Array Properties and Methods
- JavaScript Operators

8. JavaScript Functions

- Built-in Functions
- Number(object)
- String(object)
- isNaN(object)
- parseFloat() and parseInt()
- Built-in Functions vs. Methods
- User-defined Functions
- Function Syntax
- Passing Values to Functions
- A Note on Variable Scope
- Returning Values from Functions

9. 4. Built-In JavaScript Objects

- String
- Math

- Date
- typeof Operator

10. Conditionals and Loops

- Conditionals
- if - else if - else Conditions
- Switch / Case
- Loops
- while Loop Syntax
- do...while Loop Syntax
- for Loop Syntax
- for...in Loop Syntax

11. JavaScript Form Validation

- Accessing Form Data
- Basics of Form Validation
- The this Object
- Cleaner Validation
- Validating Radio Buttons, Checkboxes
- Validating Select Menus ,Text areas
- Focus, Blur, and Change Events
- Focus and Blur
- Change

12. Working with Images

- Image Rollovers
- Backward Compatibility
- An Image Rollover Function
- Preloading Images