

Introduction to JavaScript

What You Will Learn.....	1
Introduction to JavaScript.....	2
What JavaScript Can Do.....	2
Java vs. JavaScript	3
Objects and Properties	3
Methods.....	4
Basic Tags	5
Where to Place JavaScript in HTML.....	5
Using the Script Tag	5
Document.Write.....	6
Comments in JavaScript	6
Concatenation	7
Displaying the Current Date	7
Placing the Script Outside the Header	8
Debugging.....	8
Exercise 1.....	9
Introduction to HTML DOM.....	10
Using getElementById and innerHTML	11
Storing Scripts in External Files	11
Exercise 2.....	13
Working with Variables	14
Declaring a Variable	15
Using a Variable	15
Understanding Types of Data	16
Expressions	17
Assignment Expressions.....	17
Arithmetic Expressions.....	18
Rounding Numbers	20
Exercise 3.....	21
Working with Events	22
Event Handlers.....	22
Using Functions	24
Passing Variables to Functions	25
Getting Values from Form Fields	25
Exercise 4.....	27

Using Event Handlers to Expand or Collapse Sections of the Page	28
Exercise 5.....	29
Working with the Date Object	30
Identifying Dates.....	30
Methods for Getting Information from Date Objects	31
Methods for Setting and Calculating with Date Objects	32
Exercise 6.....	34
Adding Alert Boxes	35
Appendix A: Summary of HTML Codes.....	36
Appendix B: JavaScript Reserved Words & Escape Characters	39
Appendix C: Regular Expression MetaCharacters and Methods	41
Appendix D: Displaying the HTML5 Range Item Value	42
Appendix E: Solutions to Exercises.....	43