Acknowledgments	xi
Introduction	xxi
Chapter 1: Introducing Microsoft Expression Web	1
Familiarizing Yourself with the Interface	2
The Menu Bar	5
The Development Window	7
The Development Area	8
The Tabbed File Chooser	10
Show Design, Split, and Code View	10
The Quick Tag Selector	11
Task Panes	13
Toolbars	16
Context Menus	19
Summary	20
Chapter 2: Building a Web Page	21
Creating a New Web Page	21
Setting Page Properties	24
General Properties	24
Formatting Properties	26
Advanced Properties	27
Custom Properties	28
Language Properties	29
Working with Text	29
Copying, Pasting, and Inserting Text from an External Source	30
Line Breaks and Paragraph Breaks	33
Applying Headings	35
Choosing a Font	37
Setting a Font Size	39
Text Styles	40
Text Alignment and Indentations	42

Working with Lists	43
Highlighting and Setting the Text Color	45
Applying Borders	47
Inserting a Horizontal Line	49
Checking the Spelling of a Web Page	50
Previewing Your Web Page in the Browser	53
Summary	56
Exercise	56
Chapter 3: Working with Web Sites	57
The Importance of Working with Web Sites	58
Creating a New Web Site	59
Working with the Folder List Task Pane	62
Creating New Folders and Pages	62
Setting the Home Page	65
Renaming and Deleting Files	66
Modifying Site Settings	66
General Settings	67
Preview in Browser Settings	67
Advanced Settings	68
Language Settings	68
Database Settings	69
Publishing Your Web Site	69
The Publish Web Site Dialog	69
Using the Copy Web Site Window	82
Deploying Web Sites with Personal Web Packages	87
Summary Exercise	90 90
Chapter 4: Working with Images, Media, and Hyperlinks	93
Inserting Images into Your Web Page	94
Setting General Picture Properties	96
Using the Tag Properties Task Pane to Modify Image Properties	100
Using the Pictures Toolbar to Modify Image Properties	103
Editing an Image with Microsoft Office Picture Manager	106
Changing the Picture File Type	109
Linking Pages Within Your Web Site	110
Linking Text and Images to an Existing Web Page	111
Linking to a Bookmark within a Web Page	114
Linking to an E-mail Address	116
Creating Multiple Links Within an Image	117

	Contents
Using Interactive Buttons	120
Managing Web Site Hyperlinks	124
Summary	126
Exercise	127
Chapter 5: Page Formatting Using Cascading Style Sheets	129
Introduction to Cascading Style Sheets	130
CSS Versus HTML	133
Working with CSS in Expression Web	135
Defining How CSS Is Created and Applied Within Expression Web	135
Defining Classes Within an External Style Sheet — Creating a Style Rule	138
Applying Styles by Using the Apply Styles Task Pane and Style Toolbar	152
Managing Styles with the CSS Properties and Manage Styles Task Panes	157
Designing Styles by Redefining HTML Tags	159
Using Contextual Selectors	160
Attaching Existing Style Sheets to Web Pages	164
Working with CSS Reports	165
Summary	166
Exercise	166
Chapter 6: Web Page Structuring Techniques by Using Tables	169
Inserting and Working with Tables	170
Selecting Table Elements	175
Modifying Table Properties	176
Formatting Tables Using Table AutoFormat	190
Inserting and Working with Layout Tables	192
Drawing Tables	193
Drawing Cells	198
Summary	200
Exercise	201
Chapter 7: Advanced Page Structuring Techniques by Using	
Layers and CSS	203
Introduction to Layers	204
Working with Layers	205
Inserting a Layer	205
Inserting Content into Layers	207
Modifying Layer Properties with the Positioning Toolbar	209
Modifying Layer Properties with the Layers Task Pane	209
Drawing a Layer	211

Nesting Layers	212
Adding Borders and Shading to Layers	214
Deleting a Layer	217
Designing Table-less Web Sites by Using Layers and CSS	218
Designing Layers Using a Style Sheet	218
Inserting DIV Tags	223
Working with Contextual Selectors	226
Summary	227
Exercise	229
Chapter 8: Adding Interactivity with Behaviors	231
Adding Client-Side Interactivity with Behaviors	232
The Call Script Behavior	238
The Change Property and Change Property Restore Behaviors	238
The Check Browser Behavior	243
The Check Plug-in Behavior	244
The Go To URL Behavior	245
The Jump Menu and Jump Menu Go Behaviors	246
The Open Browser Window Behavior	248
The Play Sound Behavior	250
The Preload Images Behavior	251
The Set Text Behaviors	252
The Swap Image and Swap Image Restore Behaviors	252
Summary	254
Exercise	255
Chapter 9: Working with HTML Forms and Form Controls	257
An Introduction to HTML Forms	257
Working with Forms and Form Controls	260
Input (Text) and Input (Password)	264
Text Area	266
Input (Checkbox)	268
Input (Radio)	268
Drop-Down Box	270
Input (Button), Input (Submit), and Input (Reset)	273
Testing the Form	274
Other Controls to Consider	275
Summary	282
Exercise	282

Chapter 10: Introduction to Web Application Development	285
Terminology	286
Introduction to Web Applications	288
Client-Side Technologies	290
The Web Server	291
Installing IIS	293
Expression Web's Built-In Web Server	296
Configuring the Web Server in Expression Web	296
Server-Side Technologies	298
.NET and the .NET Framework	298
Installing the .NET Framework and ASP.NET	299
Creating a Simple ASP.NET Page	301
Expression Web's ASP.NET Integration	303
The Database	305
Database Options	307
The Vecta Corp Database	309
The Structured Query Language	312
The Dynamic Vecta Corp Web Site	313
Summary	314
Chapter 11: Accessing and Displaying Database Data	315
Connecting to a Data Source	316
Connecting to an Access Database	318
Attaching your SQL Server 2005 Express Edition Database	321
Building the Download Patches Page	323
Using DataSource Controls	324
Using List Bound Controls	328
Using Data Controls	331
Summary	353
Exercise	354
Chapter 12: Inserting, Editing, and Deleting Database Data	355
Building an Administration Page	356
Configuring a Data Source Control to Allow Inserts, Updates, and Deletes	357
Working with the FormView Control	359
Modifying and Deleting Database Data Using the GridView Control	363
Summary	368
Exercise	368

Chapter 13: Validating User Input	371
Client-Side Versus Server-Side Validation	372
Using Validation Controls	375
The RequiredFieldValidator Control	376
The CompareValidator Control	378
The RangeValidator Control	380
The ValidationSummary Control	382
The RegularExpressionValidator Control	383
The CustomValidator Control	385
Summary	387
Exercise	387
Chapter 14: Securing Your Web Applications	389
Securing the Vecta Corp Site	390
Configuring Application Services	392
Configuring Forms Authentication	394
Creating the Login Page	398
Working with Login Controls	400
Summary	412
Chapter 15: Working with XML Data	413
Introduction to XML and XSL	413
Expression Web's Visual XML Authoring Environment	417
Creating an XML Document	418
Binding XML Data	420
Working with RSS Feeds	425
Summary	428
Chapter 16: Building Accessible and Standards-Compliant Web Sites	429
Accessibility Standards	430
Standards Resources	430
Conform with Standards	433
Checking Accessibility	437
Accessibility Reference	441
Image Tests	441
Imagemap Tests	442
Color and Style Tests	442

Index	449
Summary	447
Other Accessibility Tests	446
Multimedia and Applet Tests	445
Table and Frame Tests	444
Form and Scripting Tests	443
	Contents