

Contents

Prefacexi

Part I. Getting Started

1. Where Do I Start?	3
Am I Too Late?	3
Where Do I Start?	4
What Do I Need to Learn?	4
Do I Need to Learn Java?	7
What Do I Need to Buy?	10
The Moral of the Story	13
Test Yourself	14
2. How the Web Works	15
The Internet Versus the Web	15
Serving Up Your Information	16
Web Page Addresses (URLs)	16
The Anatomy of a Web Page	20
Browsers	22
Putting It All Together	23
Test Yourself	24
3. Getting Your Pages on the Web	25
Putting Files Online (FTP)	25
Finding Server Space	32
www.“YOU”.com!	35
Test Yourself	36
4. Why Web Design Isn’t Like Print Design	37
Designing for the Unknown	37
Surviving the Unknown	46
Keep the Lowest Common Denominator in Mind	46
Know Your Audience	47
Test Yourself	48

5. The Web Design Process	49
Conceptualize and Research	49
Create and Organize Content	51
Develop the “Look and Feel”	52
Produce Graphics and HTML Documents	54
Create a Working Prototype	54
Test, Test, Test!	54
Upload and Test Again	55
Maintain	56
Test Yourself	56

Part II. Learning HTML

6. Creating a Simple Page (HTML Overview)	59
Introducing...the HTML Tag	60
Assembling a Web Page	60
When Good Pages Go Bad	73
Test Yourself	75
HTML Review: Structural Tags	76
7. Formatting Text with HTML	77
“Typesetting” on the Web	77
Building Blocks	79
Lists	84
Inline Styles	90
The Tag	94
Aligning Text	102
Some Special Characters	106
Test Yourself	109
HTML Review: Text Formatting Tags	110
8. Formatting Text with Style Sheets	111
Some Good Points, Some Bad Points	112
How Style Sheets Work	113
Creating a Simple Style Sheet	116
Special Selectors	120
More Text Properties	127
External Style Sheets	132
Test Yourself	135
HTML Review: Style Sheet–Related Tags	137
Style Property Review	137
9. Adding Graphic Elements	139
Adding Inline Images	139
Background Tiles	153
Horizontal Rules	156
Test Yourself	160
HTML Review: Graphic Element Tags	160

10. Adding Links	161
The Anchor Tag Dissected	162
Linking to Pages on the Web	163
Linking Within Your Own Site	164
Linking Within a Page	174
Several Links in One Graphic (Imagemaps)	177
Mail Links	181
Test Yourself	182
HTML Review: Link Tags	184
11. Tables	185
How Tables Are Used	186
Basic Table Structure	187
Designing Tables	191
HTML for Tables	197
Using Tables for Alignment	208
Where Tables Go Wrong	210
Test Yourself	213
HTML Review: Table Tags	214
12. Frames	215
How Frames Work	216
Setting Up a Frameset Document	218
Frame Appearance and Function	225
Targeting Frames	229
Content for Users Without Frames	232
Test Yourself	233
HTML Review: Frame Tags	234
13. Color on the Web	235
Specifying Colors by Name	235
Specifying Colors by Number	237
Elements You Can Color with HTML	242
Coloring Elements with Style Sheets	244
The Web Palette	244
Test Yourself	248

Part III. Creating Web Graphics

14. All About Web Graphics	251
File Formats	251
Image Resolution	254
File Size Matters	257
Tools of the Trade	259
Image Sources	260
Graphics Production Tips	262
Web Graphics Highlights	263
Test Yourself	264

15. Creating GIFs	265
All About GIFs	265
Creating a Simple GIF, Step by Step	269
Adding Transparency	273
Optimizing GIFs	280
Designing with the Web Palette	287
Some Things to Remember About GIFs	292
Test Yourself	292
16. Creating JPEGs	293
More About JPEGs	294
Making JPEGs, Step by Step	297
Optimizing JPEGs	301
Some Things to Remember About JPEGs	305
Test Yourself	305
17. Animated GIFs	307
How They Work	307
GIF Animation Tools	308
Animation Settings	308
Creating an Animated GIF, Step by Step	311
A Cool Shortcut (Tweening)	316
Things to Remember About Animated GIFs	318
Test Yourself	318
18. Slicing and Rollovers	319
Sliced Images	319
Rollovers	327
Slices and Rollovers in ImageReady	334
Test Yourself	336

Part IV. Form and Function

19. Web Design Techniques	339
Fancy Bulleted Lists	339
Fun with Boxes	341
Using 1-Pixel Square Graphics	347
Vertical Rules	351
Background Tile Tricks	352
Pop-up Windows	355
Adjusting Page Margins	358
A Closing Word on Web Design Techniques	358
Test Yourself	359

20. Building Usable Web Sites	361
Focus on the User	361
Information Design	362
Interface Design	370
Navigation Design	377
Building the Pages	388
Building Usable Web Sites: In Review	389
Test Yourself	390
21. Web Design Dos and Don'ts	391
General Page Design Advice	391
Text Formatting Tips	394
Graphics Advice	398
Aesthetic Suggestions	400
Jen's Personal Pet Peeves	403
Test Yourself	404
22. How'd They Do That?	405
Forms	405
Audio	406
Video	408
Flash	412
DHTML	415
XHTML (The New Standard)	417
Advanced Techniques in Review	420
Test Yourself	421
Appendix: Answers	423
Glossary	441
Index	445

