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The ins-and-outs of these essential web languages, from basic syntax to best practices." Getting started with HTML, CSS, and JavaScript is one of the hardest things about creating your own website. Ideally you should have a good understanding of html and text before you start learning anything else. This article is here to help you out. The article starts with an introduction to HTML, followed by CSS and JavaScript. Each section is marked with a [] and gives an overview of what it covers. This article assumes you are using Microsoft Windows and a web browser for viewing your webpages (not necessarily the same one you will use to add content). I would assume that most folks reading this article are familiar with HTML, CSS, and JavaScript as they are all in widespread use on the web. What is HTML? HTML (HyperText Markup Language) is the markup language that defines how you structurally lay out and present content to a browser or other program used to display webpages. The first version of HTML was developed by Tim Berners-Lee in 1991 for the World Wide Web Consortium (W3C) and is still in use today, although not universally. Both Netscape and Internet Explorer have versions of the standard. HTML tags - HTML syntax is known as a markup language because it "marks up" information. Semantic tags are the "markers" that define how things are structured. HTML syntax consists of "tags." Indeed, the only way you can create a webpage is by using one or more tags (which do nothing but mark things). tags - HTML syntax is known as a markup language because it "marks up" information. Semantic tags are the "markers" that define how things are structured. HTML syntax consists of "tags." The only way you can create a webpage is by using one or more tags (which do nothing but mark things).

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Now a set of best practices has emerged using HTML or XHTML to create your basic web pages, CSS to control their appearance and make them look attractive, and JavaScript to add interactivity. Without assuming any previous experience, this valuable resource makes it easy to learn how to build web sites using the most up- to-date web standards. Whether you're a beginner eager to start writing your first web page or a more experienced programmer seeking to update your skills, you will find practical introductions to these essential lan- guages, as well as invaluable tips and techniques used by experienced web professionals. • How to create HTML and XHTML pages that incorporate links, images, tables, audio, and video • Ways to use CSS to control text, colors, backgrounds, and page layout • Design principles employed by experienced designers to create attractive layouts • The basics of JavaScript and working with AJAX libraries • How to build sites that are accessible, easy to use, and will work on a variety of devices including mobile phones • How to test your web site and put it on the web • First-hand experience of coding practices commonly used in the real world • The elements of basic text formatting • Text markup and character entities for special characters Jon Duckett has spent over a decade helping a wide range of companies implement innovative web strategies. 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Practical examples and clear explanations demonstrate the many aspects of contemporary web development and exactly what the selection of JavaScript frameworks has to offer so that you can get up and running quickly Beginning HTML, XHTML, CSS, and JavaScript® Introduction xxi Chapter 1: Structuring Documents for the Web 1 Chapter 2: Links and Navigation 55 Chapter 3: Images, Audio, and Video 79 Chapter 4: Tables 131 Chapter 5: Forms 167 Chapter 6: Frames 215 Chapter 7: Cascading Style Sheets 243 Chapter 8: More Cascading Style Sheets 307 Chapter 9: Page Layout 357 Chapter 10: Design Issues 421 Chapter 11: Learning JavaScript 481 Chapter 12: Working with JavaScript 533 Chapter 13: Putting Your Site on the Web 587 Chapter 14: Checklists 627 Appendix A: Answers to Exercises 641 Appendix B: XHTML Element Reference 677 Appendix C: CSS Properties 713 Appendix D: Color Names and Values 741 Appendix E: Character Encodings 771 Appendix F: Special Characters 753 Appendix G: Language Codes 767 Appendix H: Mime Media Types 771 Appendix I: Deprecated and Browser - Specific Markup 783 Index 815 ffrs.indd i ffrs.indd i 11/20/09 7:59:14 PM 11/20/09 7:59:14 PM ffrs.indd ii ffrs.indd ii 11/20/09 7:59:15 PM 11/20/09 7:59:15 PM Beginning HTML, XHTML, CSS, and JavaScript® Published by Wiley Publishing, Inc. 10475 Crosspoint Boulevard Indianapolis, IN 46256 www.wiley.com Copyright © 2010 by Wiley Publishing, Inc., Indianapolis, Indiana Published simultaneously in Canada ISBN: 978-0-470-54070-1 Manufactured in the United States of America 10 9 8 7 6 5 4 3 2 1 No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as permitted under Sections 107 or 108 of the 1976 United States Copyright Act, without either the prior written permission of the Publisher, or authorization through payment of the appropriate per-copy fee to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, (978) 750-8400, fax (978) 646-8600. 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About the Tech Editor Chris Ullman is a freelance web developer and technical editor/author who has spent many years working in web technologies. Coming from a computer science background, he gravitated towards MS technologies during the summer of ASP (1997). He cut his teeth on Wrox Press ASP guides, and since then has edited or contributed to more than 30 books, most notably as lead author for Wrox's bestselling Beginning ASP/ASP.NET 1.x/2 series. He lives in Cornwall and spends his non-computing time running, writing music, and attempting — with his wife, Kate — to curb the enthusiasm of three very boisterous young children. ffrs.indd v ffrs.indd v 11/20/09 7:59:16 PM 11/20/09 7:59:16 PM Credits Executive Editor Carol Long Project Editor William Bridges Technical Editor Chris Ullman Production Editor Daniel Scribner Copy Editor Nancy Rapoport Editorial Director Robyn B. 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