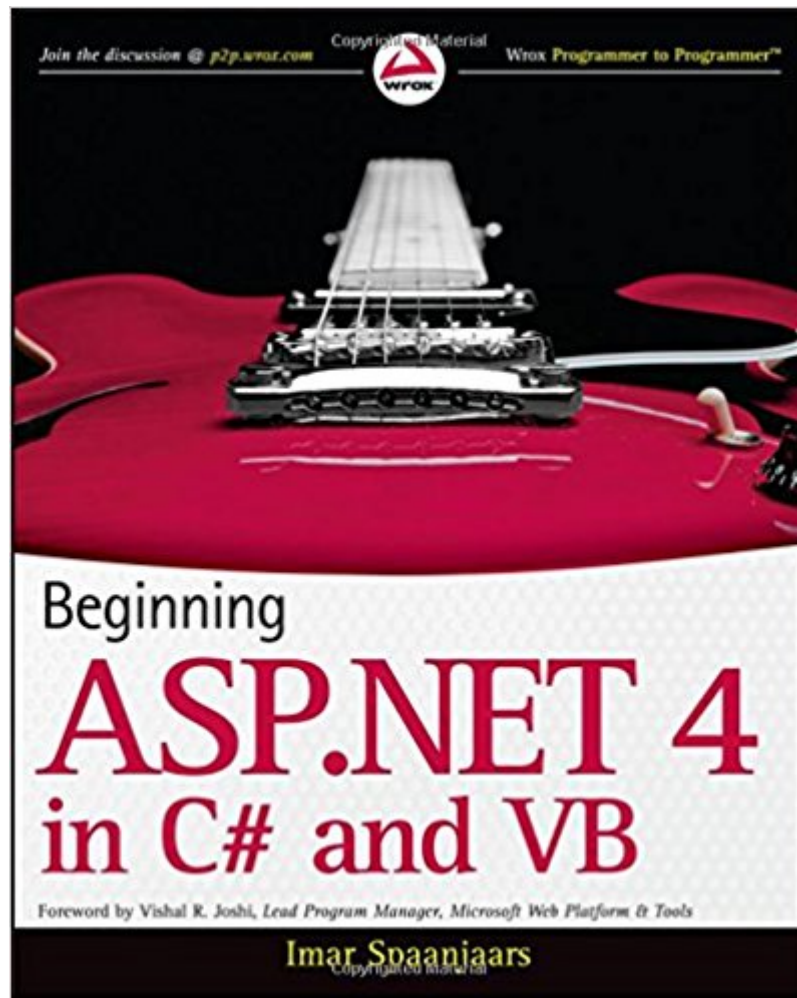The book was found

Beginning ASP.NET 4: In C# And VB

Synopsis

This book is for anyone who wants to learn how to build rich and interactive web sites that run on the Microsoft platform. With the knowledge you gain from this book, you create a great foundation to build any type of web site, ranging from simple hobby-related web sites to sites you may be creating for commercial purposes. Anyone new to web programming should be able to follow along because no prior background in web development is assumed although it helps if you do have a basic understanding of HTML and the web in general. The book starts at the very beginning of web development by showing you how to obtain and install Visual Web Developer. The chapters that follow gradually introduce you to new technologies, building on top of the knowledge gained in the previous chapters. Do you have a strong preference for Visual Basic over C# or the other way around? Or do you think both languages are equally cool? Or maybe you haven't made up your mind yet and want to learn both languages? Either way, you'll like this book because all code examples are presented in both languages! Even if you have some experience with prior versions of ASP.NET, you may gain a lot from this book. Although many concepts from previous versions are brought forward into ASP.NET 4, you'll discover there's a lot of new stuff to be found in this book, including an introduction to the ADO.NET Entity Framework, the inclusion of jQuery, ASP.NET AJAX, the many changes to the ASP.NET 4 Framework, and much more. This book teaches you how to create a feature-rich, data-driven, and interactive web site called Planet Wrox. Although this is quite a mouthful, you'll find that with Visual Web Developer 2010, developing such a web site isn't as hard as it seems. You'll see the entire process of building a web site, from installing Visual Web Developer 2010 in Chapter 1 all the way up to putting your web application on a live server in Chapter 19. The book is divided into 19 chapters, each dealing with a specific subject.   Chapter 1, â œGetting Started with ASP.NET 4â • shows you how to obtain and install Visual Web Developer 2010. You'll get instructions for downloading and installing the free edition of Visual Web Developer 2010, called the Express edition. You are also introduced to HTML, the language behind every web page. The chapter closes with an overview of the customization options that Visual Web Developer gives you.   Chapter 2, â œBuilding an ASP.NET Web Siteâ • shows you how to create a new web site and how to add new elements like pages to it. Besides learning how to create a well-structured site, you also see how to use the numerous tools in Visual Web Developer to create HTML and ASP.NET pages.   Chapter 3, â œDesigning Your Web Pages.â • Visual Web Developer comes with a host of tools that allow you to create well-designed and attractive web pages. In this chapter, you see how to make good use of these tools. Additionally, you learn about CSS, the language that is used to format web pages.   Chapter 4, â œWorking with ASP.NET Server Controls.â • ASP.NET

Server Controls are one of the most important concepts in ASP.NET. They allow you to create complex and feature-rich web sites with very little code. This chapter introduces you to the large number of server controls that are available, explains what they are used for, and shows you how to use them.   Chapter 5, â œProgramming Your ASP.NET Web Pages.â • Although the built-in CSS tools and the ASP.NET Server Controls can get you a long way in creating web pages, you are likely to use a programming language to enhance your pages. This chapter serves as an introduction to programming with a strong focus on programming web pages. Best of all: all the examples you see in this chapter (and the rest of the book) are in both Visual Basic and C#, so you can choose the language you like best.   Chapter 6, â œCreating Consistent Looking Web Sites.â • ASP.NET helps you create consistent-looking pages through the use of master pages, which allow you to define the global look and feel of a page. Skins and themes help you to centralize the looks of controls and other visual elements in your site. You also see how to create a base page that helps to centralize programming code that you need on all pages in your site.   Chapter 7, â œNavigation.â • To help your visitors find their way around your site, ASP.NET comes with a number of navigation controls. These controls are used to build the navigation structure of your site. They can be connected to your site's central site map that defines the pages in your web site. You also learn how to programmatically send users from one page to another.   Chapter 8, â œUser Controls.â • User controls are reusable page fragments that can be used in multiple web pages. As such, they are great for repeating content such as menus, banners, and so on. In this chapter, you learn how to create and use user controls and enhance them with some programmatic intelligence. Chapter 9, â œValidating User Input.â • A large part of interactivity in your site is defined by the input of your users. This chapter shows you how to accept, validate, and process user input using ASP.NET Server Controls. Additionally, you see how to send e-mail from your ASP.NET web application and how to read from text files.   Chapter 10, â œASP.NET AJAX.â • Microsoft ASP.NET AJAX allows you to create good-looking, flicker-free web pages that close the gap between traditional desktop applications and web applications. In this chapter you learn how to use the built-in Ajax features to enhance the presence of your web pages, resulting in a smoother interaction with the web site.   Chapter 11, â œjQuery.â • jQuery is a popular, open source and cross-browser JavaScript library designed to make it easier to interact with web pages in the clientâ ™s browser. In this chapter you learn the basics of jQuery and see how to add rich visual effects and animations to your web pages.   Chapter 12, â œIntroducing Databases.â • Understanding how to use a database is critical to building web sites, as most modern web sites require the use of a database. Youâ ™ll learn the basics of SQL, the query language that allows you

to access and alter data in a database. In addition, you are introduced to the database tools found in Visual Web Developer that help you create and manage your SQL Server databases.   Chapter 13, â œDisplaying and Updating Data.â • Building on the knowledge you gained in the previous chapter, this chapter shows you how to use the ASP.NET data-bound and data source controls to create a rich interface that enables your users to interact with the data in the database that these controls target.   Chapter 14, â œLINQ and the ADO.NET Entity Framework.â • LINQ is Microsoftâ ™s solution for accessing objects, databases, XML, and more. The ADO.NET Entity Framework (EF) is Microsoft's new technology for database access. This chapter shows you what LINQ is all about, how to use the visual EF designer built into Visual Studio, and how to write LINQ to EF queries to get data in and out of your SQL Server database.   Chapter 15, â œWorking with Dataâ ”Advanced Topics.â • While earlier chapters focused mostly on the technical foundations of working with data, this chapter looks at the same topic from a front-end perspective. You see how to change the visual appearance of your data through the use of control styles. You also see how to interact with the data-bound controls and how to speed up your application by keeping a local copy of frequently accessed data.   Chapter 16, â œSecurity in Your ASP.NET 4 Web Site.â • Although presented quite late in the book, security is a first-class, important topic. This chapter shows you how to make use of the built-in ASP.NET features related to security. You learn about a number of application services that facilitate security. You also learn how to let users sign up for an account on your web site, how to distinguish between anonymous and logged-on users, and how to manage the users in your system.   Chapter 17, â œPersonalizing Web Sites.â • Building on the security features introduced in Chapter 16, this chapter shows you how to create personalized web pages with content targeted at individual users. You see how to configure and use ASP.NET Profile that enables you to store personalized data for known and anonymous visitors.   Chapter 18, â œException Handling, Debugging, and Tracing.â • In order to understand, improve, and fix the code you write for your ASP.NET web pages you need good debugging tools. Visual Web Developer ships with great debugging support that enables you to diagnose the state of your application at run time, helping you find and fix problems before your users do.   Chapter 19, â œDeploying Your Web Site.â • By the end of the book, you should have a web site that is ready to be shown to the world. But how exactly do you do that? What are the things you need to know and understand to put your web site out in the wild? This chapter gives the answers and provides you with a good look at configuring different production systems in order to run your final web site.

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Customer Reviews

While I've already read Beginning ASP.NET 3.5 by Imar Spaanjaars and moved rather far beyond it, when I had the opportunity to recieve his new book on ASP.NET 4 for review, I took it.Would I still feel strongly about recommending his work as *the* #1 choice for those new (or relatively new) to ASP.NET? Would it offer enough new content over the previous iteration that I'd recommend a new purchase if someone had the first?===First, if you're just getting started with ASP.NET, this is once again *the* book to start with. The way the book reads makes it extremely easy to keep up with where he's at, and why. At the end you'll end up with a functional site, having built it yourself, using a good deal of ASP.NET functionality.The book also assumes little experience with HTML and CSS, which makes this book a fairly good start for anyone who wants to get started with creating Web sites (using ASP.NET), even going into the developer tool Visual Web Developer 2010.The book itself is a *vast* improvement over previous iterations, with a much more solid wrap and softer (but still thick) pages. (Although the pages must be somewhat thinner, since the previous iteration of this book is about the same depth as this one, even though this has ~70 more pages.)The guitar on the cover has left me guessing a bit, all the way from 'rock star' to 'hero' to 'he creates a music-related site' but if you don't get stuck on such things, you'll be fine.===If you've purchased and read the previous iteration of this book, Beginning ASP.NET 3.5, you might be wondering if it makes sense to pick this up.The only new chapter is one on jQuery (although Microsoft AJAX is still covered and used as before), and it's primarily an introduction, which fits within the context of this book. Crawling the jQuery site for a little while will probably get you up to speed just as well. Otherwise, the rest has

been updated to ASP.NET 4 and the current versions of software; little else has changed.If you picked up the previous iteration and couldn't get through it, then don't bother with this, as it's quite similar. Likewise for if you've moved beyond Beginning ASP.NET 3.5, and feel comfortable with the technology; ASP.NET 4 isn't dug into so much here that you can't get the information elsewhere with some basic searching.===To conclude, Beginning ASP.NET 4 in C# and VB is *the* book I *highly* recommend to get started with ASP.NET (3.5 or 4). Imar knows the technology as well as how to teach it, from beginning to Web site created. 5 of 5 stars.

I really loved this book! This book is so amazing, i don't know where to start!You actually learn a LOTS in the book even if its a starting book for ASP.NET.Actually, ive learned more than expected! This is the first time i buy a WROX book andi am impressed!I am a PHP web developper that wanted to learn ASP.NET so i already have a backgroundin web programming but you do not need to have a background in order to read this book!It is so easy to read and the information is so interesting that each time you turn a pageyou want to learn and know more !Here, a list of the positive things i found about the book :- Lots of great examples step by step with a section that explain you the whole process each time.- Code are written in both C# and VB.NET.- Very comprehensive writting. The author explain everything and make things clear!- Very informative even if you are an advanced user in ASP.NET.- The book cover a nice project which go from a subject to another easily.- The book refers others book in the WROX collection which is useful if you wanna extend your knowledge later andi really appreciate this cause sometime you never know where to look at after you've read a book! It refer to others placeif you want to dig into advanced subject later which is really great!- After you've read the book you know how to make complete website using AJAX and JQUERY along with databases!- Cover LOTS of subject, even cover AJAX and JQUERY.Since nothing is perfect, i have only one constructive remark about the book :- I know that this book is not intended to be a reference book but this still would be interesstingto have some reference section somewhere. This reference section could hold the important informations in a chapter so youdon't have to dig inside each page in order to get some important stuff that have been mentionned. But well this is not reallya problem but that would help from memorizing everything. But since its not a reference book this is not a problem at all!Overall :If you looking to learn ASP.NET 4 and don't know where to start, get this book! Do not look anywhere else.. just GET this book!I really recommand it !

First off, this is one of the best instructional books I've ever read. Imar has a way with explaining

things that makes it easy to follow and understand. But it gets even better. I had a question on something that was related to one of the topics in the book, but it wasn't covered specifically. Imar's email address is in the book so I thought, well maybe, if I emailed him, there was a slim possiblity that in a few days he might answer the question. Less then 10 minutes after I sent the email I got a return email with the answer to the question. I was amazed!He did ask that I post my questions to the forum in the future so that if others had similar questions he could just point them to the forum instead of answering the same question over and over. The forum also gives other readers a chance to learn from each others questions. So that's the way I'll address any questions in the future, but I have to say I am very impressed.

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