Chapter 5 Properties And Attributes Of Triangles Answer Key

Analyzing Social Media Networks with NodeXL: Insights from a Connected World, Second Edition, provides readers with a thorough, practical and updated guide to NodeXL, the open-source social network analysis (SNA) plug-in for use with Excel. The book analyzes social media, provides a NodeXL tutorial, and presents network analysis case studies, all of which are revised to reflect the latest developments. Sections cover history and concepts, mapping and modeling, the detailed operation of NodeXL, and case studies, including e-mail, Twitter, Facebook, Flickr and YouTube. In addition, there are descriptions of each system and types of analysis for identifying people, documents, groups and events. This book is perfect for use as a course text in social network analysis or as a guide for practicing NodeXL users. Walks users through NodeXL while also explaining the theory and development behind each step Demonstrates how visual analytics research can be applied to SNA tools for the mass market Includes updated case studies from researchers who use NodeXL on popular networks like email, Facebook, Twitter, and Instagram Includes downloadable companion materials and online resources at https://www.smrfoundation.org/nodexl/teaching-with-nodexl/teaching-resources/

This book is written by a developer and architect with 9 years' experience building Information Worker solutions, including custom workflow engines and third-party workflow products. The author challenges readers to view the Office System and workflow in a new light, walking readers through the process of building a solid, useable workflow solution. Unlike quick references that scratch the surface of new technology, this book benefits the serious Information Worker developer - a growing group in IT - who is interested in learning the inner workings of workflow and Office 12.

Do more with Microsoft Expression Web 4 SP2—in less time! This is the world's most expert, complete, and practical guide to succeeding with Expression Web 4 SP2! Microsoft insider Jim Cheshire presents today's best solutions for everything you need to do with Expression Web 4 SP2 and its brand-new HTML5, CSS3, and jQuery tools!. Create, edit, and manage content… implement leading-edge designs… integrate dynamic content… add powerful features with no custom coding… leverage SP2's latest time-saving features…do the job right, and do it fast! "In the trenches" solutions, big-picture insights, real examples, time-saving shortcuts Boost productivity with custom workspaces, Snapshot & Snippet panels, Universal Commenting, and other SP2 improvements Optimize every phase of development, from site creation through reporting

Use Expression Web 4 features together to solve real web design problems and achieve real business goals Build HTML5/CSS3 standards-compliant sites that work properly in any modern browser Learn high-efficiency techniques for using tables, forms, and QuickTags Add more dynamic, interactive content with Behaviors and Layers Differentiate your site with dynamic components and client-side JavaScript Use ASP.NET's simple tools to display, edit, and manage data without custom code Develop accessible, Section 508- or WCAG-compliant sites Efficiently test sites and apps with SP2's enhanced SuperPreview and remote browsing Easily password-protect content with ASP.NET Login controls and membership features Leverage Expression Web's updated PHP 5.3 support, including module IntelliSense and "Open as PHP" Efficiently troubleshoot any site development problem Register your book at www.quepublishing.com/title/9780789749192 to get the entire book in searchable PDF format, including all examples and sample files, plus a bonus four-chapter mini book on creating add-ins with JavaScript and HTML!
Provides examples of XML schema components with corresponding schema document elements.
The most up-to-date and comprehensive introductory ASP.NET book you'll find on any shelf, Beginning ASP.NET 4 in C# 2010 guides you

through Microsoft's latest technology for building dynamic web sites. Learn how to build sophisticated web pages quickly and easily using the most powerful tools available. Starting with the basics, this book provides exhaustive coverage of ASP.NET, guiding you from your first steps right through to advanced techniques - such as making database queries from within a web page, tuning your website for optimal performance and deploying your website to production servers. Within these pages, you'll find tips for best practices and comprehensive discussions of key database and XML principles you need to know in order to be effective with ASP.NET. The book also fully explains the crucial coding techniques of object-orientation and code-behind on which your future as a successful ASP.NET developer relies.

This book is the most comprehensive and up to date introduction to ASP.NET ever written. Focusing solely on Visual Basic, with no code samples duplicated in other languages, award winning author Matthew MacDonald introduces you to the very latest thinking and best practices for the ASP.NET 4.5 technology. Assuming no prior coding experience, you'll be taught everything you need to know from the ground up. Starting from first principals, you'll learn the skills you need to be an effective ASP.NET developer who is ready to progress to more sophisticated projects and

professional work. You'll be taught how to use object orientation and code-behind techniques to lay out your code clearly in a way other developers can easily understand. You'll learn how to query databases from within you web pages, spice up your layouts using ASP.NET AJAX and deploy your finished websites to production servers. You'll also learn how to debug your code when things go wrong and the performance and scalability issues that can affect your web projects as they grow. With this book you can take your first steps towards becoming a successful ASP.NET developer with confidence. With its comprehensive overview of core technology areas, "MCSD in a Nutshell" is the perfect study guide and resource to help developers master technologies with which they relatively are inexperienced.

The Swift programming language has transformed the world of iOS development and started a new age of modern development. Pro Design Patterns in Swift shows you how to harness the power and flexibility of Swift to apply the most important and enduring design patterns to your applications, taking your development projects to master level. This book will teach you those design patterns that have always been present at some level in your code, but may not have been recognized, acknowledged, or fully utilized. Implementation of specific pattern approaches will prove their value to any Swift

developer. Best-selling author Adam Freeman explains how to get the most from design patterns. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. Pro Design Patterns in Swift brings design patterns to life and shows you how to bring structure and scale to your Swift code with a practical, no-nonsense approach.

Enhances the use of enterprise models as an effective communication medium between business and technical personnel. Details the blue-print of the to-be developed business system.

To celebrate recent innovations, and to demonstrate Apress' commitment to the ASP.NET market, we are publishing a special edition of Pro ASP.NET 2.0 in VB 2005, with new chapters explaining how to use these important new technologies. On top of the book's already extensive coverage, readers will learn how to create Ajax and Atlas applications in ASP.NET 2.0. They will be treated to a deeper coverage of ASP.NET 2.0 Performance Tuning and will be given a slew of bonus material to truly make this special edition special. This includes a free eBook of the title's content and a bonus 150 page eBook of carefully selected ASP.NET 2.0 articles.

Designed in the highly regarded O'Reilly Cookbook format, "ADO.NET Cookbook" is strikingly different from other books on the subject. It isn't bogged down with pages of didactic theory. The "ADO.NET Cookbook"

focuses exclusively on providing developers with easy-to-find coding solutions to real problems."ADO.NET Cookbook" is a comprehensive collection of over 150 solutions and best practices for everyday dilemmas. For each problem addressed in the book, there's a solution--a short, focused piece of code that programmers can insert directly into their applications.And "ADO.NET Cookbook" is more than just a handy compilation of cut-and-paste C# and VB.NET code. "ADO.NET Cookbook" offers clear explanations of how and why the code works, warns of potential pitfalls, and directs you to sources of additional information, so you can learn to adapt the problem-solving techniques to different situations. This is a painless way for developers who prefer to learn by doing to expand their skills and productivity, while solving the pressing problems they face every day.These time-saving recipes include vital topics like connecting to data, retrieving and managing data, transforming and analyzing data, modifying data, binding data to .NET user interfaces, optimizing .NET data access, enumerating and maintaining database objects, and maintaining database integrity.The diverse solutions presented here will prove invaluable over and over again, for ADO.NET programmers at all levels, from the relatively inexperienced to the most sophisticated. The most up-to-date and comprehensive introductory ASP.NET book you'll find on any shelf, Beginning ASP.NET 4 in VB 2010 guides you through Microsoft's latest technology for building dynamic web sites. This book will enable you to build dynamic web pages on the fly, and assumes only the most basic knowledge of

Visual Basic. The book provides exhaustive coverage of ASP.NET, guiding you from your first steps right up to the most advanced techniques, such as querying databases from within a web page and tuning your site for optimal performance. Within these pages, you'll find tips for best practices and comprehensive discussions of key database and XML principles you need to know in order to be effective with ASP.NET. The book also emphasizes the invaluable coding techniques of object orientation and code-behind, which will start you off on the track to building real-world web sites right from the beginning—rather than just faking it with simplified coding practices. By the time you've finished the book, you will have mastered the core techniques and have all the knowledge you need to begin work as a professional ASP.NET developer.

.NET 2.0 IL (Intermediate Language) is the foundation language at the root of all the .NET languages. It is this code which is compiled and executed by the .NET 2.0 Framework. As a result of this absolutely anything that can be expressed in IL can be carried out by the .NET 2.0 Framework. This book gives readers inside information on the language's architecture straight from the most reliable possible source – Serge Lidin, the language's designer.

jQuery is the most popular JavaScript library in use today, appearing on nearly two thirds of the 10,000 most visited sites on the web. With this sort of popularity, it's clear that ASP.NET developers can't afford to miss out. By combining jQuery with ASP.NET you get the best of both worlds: the client-side interactivity and

responsiveness of JavaScript with the robustness and extensibility of Microsoft's web stack. Beginning jQuery 2 for ASP.NET Developers shows you how. To begin with, you'll find out how jQuery hooks up with your ASP.NET controls, and simplifies event handling by keeping it in the browser. Then you'll learn to handle dynamic content and responsive layouts by interacting with the DOM. Effects and animations are one of the most popular uses of the jQuery library, so we cover that next—showing you how to get a sleek modern look and feel to your site using some of the vast library of JavaScript that's already out there waiting to be used. Ajax is one of the areas where jQuery really shines, so you'll find out how to make Ajax calls to a web service and get data onto a page without waiting for slow ASP.NET postbacks every time. And no book on jQuery would be complete without jQuery Mobile: the popular mobile web framework that gets you writing sites that work across all the major mobile platforms.

The purpose of this book is to provide a practical approach for IT professionals to acquire the necessary knowledge and expertise in data modeling to function effectively. It begins with an overview of basic data modeling concepts, introduces the methods and techniques, provides a comprehensive case study to present the details of the data model components, covers the implementation of the data model with emphasis on quality components, and concludes with a presentation of a realistic approach to data modeling. It clearly describes how a generic data model is created to represent truly the enterprise information requirements.

If you look at a SharePoint application you'll find that most of its active components are Web Parts. SharePoint 2010 includes dozens of prebuilt Web Parts that you can use. It also provides an API that lets you build custom Web Parts using C# or VB.NET. SharePoint 2010 Web Parts in Actionis a comprehensive guide to deploying, customizing, and creating Web Parts. Countless examples walk you through everything from design, to development, deployment, troubleshooting, and upgrading. Because Web Parts are ASP.NET controls, you'll learn to use Visual Studio 2010 to extend existing Web Parts and to build custom components from scratch. What's Inside Using and configuring Web Parts Web Part and portal best practices Custom use cases, like mobile and international apps Web Part design patterns This book is written for application developers working with SharePoint 2010. Knowing Visual Studio 2010 is helpful but not required. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Web Dynpro ABAP, a NetWeaver web application user interface tool from SAP, enables web programming connected to SAP Systems. The authors' main focus was to create a book based on their own practical experience. Each chapter includes examples which lead through the content step-by-step and enable the reader to gradually explore and grasp the Web Dynpro ABAP process. The authors explain in particular how to design Web

Dynpro components, the data binding and interface methods, and the view controller methods. They also describe the other SAP NetWeaver Elements (ABAP Dictionary, Authorization) and the integration of the Web Dynpro Application into the SAP NetWeaver Portal. The new edition has been expanded to include chapters on subjects such as POWER Lists; creating the Modal Windows and External Windows; using Web Dynpro application parameters and Shared Objects to communicate between the Web Dynpro ABAP Application and Business Server Pages; and creating multi-language mails using Web Dynpro ABAP.

The growing popularity of Web 2.0 applications is increasing user expectations for high-quality website design, presentation, and functionality. It is into this climate that Microsoft is releasing Silverlight 5, the latest iteration of its cross-browser web presentation technology. Beginning Silverlight 5 in C# brings you to the cutting edge of Web 2.0 application design and includes plenty of practical guidance to get you started straight away. Silverlight design tools have important differences compared with those used to create Ajax and JavaScript functionality. Robert Lair takes you on a tour of all the tools, including: Microsoft Expression Design, which plays an important role in creating Silverlight assets Microsoft Expression Blend, which is used to build user interaction for Silverlight elements Microsoft Visual

Studio, which manages the interaction between designers and developers, providing the coding environment for "nuts and bolts" wiring Once you've mastered the basics, you'll move on to gain a more in-depth knowledge of some of the features introduced with Silverlight 5, including H.264 protected content, right-click event handling, a new printing API, and support for the Managed Extensibility Framework.

Silverlight design tools have important differences compared to those used to create Ajax and JavaScript functionality. Robert Lair takes you on a tour of all the tools, including Microsoft Expression Design, which plays an important part in creating Silverlight assets; Microsoft Expression Blend, which is used to build user interaction for Silverlight elements; and Microsoft Visual Studio, which manages the interaction between designers and developers, providing the coding environment for "nuts and bolts" wiring. Once you've mastered the basics, you'll move on to gaining a more in-depth knowledge of some of the groundbreaking new features of the Silverlight technology. The growing popularity of Web 2.0 applications is increasing user expectations for high-quality web site design, presentation, and functionality. It was into this climate that Microsoft released Silverlight 3, the third iteration of its cross-browser web presentation technology and the second to ride on top of the .NET

platform. Beginning Sliverlight 3 brings you to the cutting-edge of Web 2.0 application design and includes plenty of practical guidance to get you started straightaway.

When used with the MDX query language, SQL Server Analysis Services allows developers to build full-scale database applications to support such business functions as budgeting, forecasting, and market analysis. Shows readers how to build data warehouses and multi-dimensional databases, query databases, and use Analysis Services and other components of SQL Server to provide end-to-end solutions Revised, updated, and enhanced, the book discusses new features such as improved integration with Office and Excel 2007; query performance enhancements; improvements to aggregation designer, dimension designer, cube and dimension wizards, and cell writeback; extensibility and personalization; data mining; and more

Learn how to create reusable components to build modern Web user interfaces with standard technologies Key Features a- Learn how standard Web technologies allows you to build reusable UI components. a- Learn how to protect the look and the internal behavior of your components. a- Learn how to use Web Components in React, Angular, and Vue projects. a- Learn how to use third-party libraries and tools to simplify the process of building your components. Description The design of Web

user interfaces has been growing significantly in recent times thanks to libraries like React, Angular, Vue. They allow you to create awesome UI components, but have a great drawback: their components are not interoperable. Web Components enable you to overcome this drawback by using a set of standard technologies. The book drives you in the exploration of these technologies with a practical approach. It describes how to create Custom Elements; how to protect their internal behavior by leveraging the Shadow DOM; how to simplify the UI definition through HTML templates. Also, you will discover how to distribute and use your Web Components and how to leverage libraries and tools to develop them. Throughout the book, you will carry out a Web Component project that will provide you with practical experience in using those technologies. What will you learn a- Use Custom Elements technology to define your HTML elements. a- Use Shadow DOM to protect the inner behavior of your UI components. a- Work with HTML templates to simplify and enhance the way you define the UI of your components. a- Reuse your Web Components in applications built with Vanilla JavaScript, React, Angular, and Vue. Who this book is for This book is for frontend Web developers who want to leverage standard technologies to build reusable UI components. Basic knowledge of JavaScript, HTML, and CSS is required. Table of Contents 1. Getting

Started with Web Components 2. Extending HTML Elements 3. Creating Custom Web Components 4. Managing Properties and Attributes 5. Handling Events 6. Using the Shadow DOM 7. Using HTML Templates 8. Distributing and Extending Web Components 9. Web Components and Other UI Frameworks 10. Tools for Web Components Development About the Author Andrea Chiarelli is a software engineer and technical author with more than 20 years of experience in the software development industry. Throughout his career, he used several programming languages and technologies for the projects he was involved in. Lately, he is focusing on the JavaScript ecosystem both on the server and on the client-side. He has contributed to many online and offline magazines and authored a few books. Currently, he is working at Auth0 as an R&D Content Engineer. Your Blog links: https://andreachiarelli.it/ Your LinkedIn Profile: https://www.linkedin.com/in/andreachiarelli/ Summary jQuery in Action, Third Edition, is a fast-paced and complete guide to jQuery, focused on the tasks you'll face in nearly any web dev project. Written for readers with minimal JavaScript experience, this revised edition adds new examples and exercises, along with the deep and practical coverage you expect from an In Action book. You'll learn how to traverse HTML documents, handle events, perform animations, write plugins, and even

unit test your code. The unique lab pages anchor each concept with real-world code. Several new chapters teach you how to interact with other tools and frameworks to build modern single-page web applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Thanks to jQuery, no one remembers the bad old days when programmers manually managed browser inconsistencies, CSS selectors support, and DOM navigation, and when every animation was a frustrating exercise in raw JavaScript. The elegant, intuitive jQuery library beautifully manages these concerns, and jQuery 3 adds even more features to make your life as a web developer smooth and productive. About the Book jQuery in Action, Third Edition, is a fast-paced guide to jQuery, focused on the tasks you'll face in nearly any web dev project. In it, you'll learn how to traverse the DOM, handle events, perform animations, write jQuery plugins, perform Ajax requests, and even unit test your code. Its unique Lab Pages anchor each concept in real-world code. This expanded Third Edition adds new chapters that teach you how to interact with other tools and frameworks and build modern single-page web applications. What's Inside Updated for jQuery 3 DOM manipulation and event handling Animations and effects Advanced topics including Unit Testing and Promises Practical examples and labs About the

Readers Readers are assumed to have only beginning-level JavaScript knowledge. About the Authors Bear Bibeault is coauthor of Secrets of the JavaScript Ninja, Ajax in Practice, and Prototype and Scriptaculous in Action. Yehuda Katz is an early contributor to jQuery and cocreator of Ember.js. Aurelio De Rosa is a full-stack web developer and a member of the jQuery content team. Table of Contents PART 1 STARTING WITH JQUERY Introducing jQuery PART 2 CORE JQUERY Selecting elements Operating on a jQuery collection Working with properties, attributes, and data Bringing pages to life with jQuery Events are where it happens! Demo: DVD discs locator Energizing pages with animations and effects Beyond the DOM with jQuery utility functions Talk to the server with Ajax 260 Demo: an Ajax-powered contact form PART 3 ADVANCED TOPICS When jQuery is not enough...plugins to the rescue! Avoiding the callback hell with Deferred Unit testing with QUnit How jQuery fits into large projects

Digital Soil Mapping is the creation and the population of a geographically referenced soil database. It is generated at a given resolution by using field and laboratory observation methods coupled with environmental data through quantitative relationships. Digital soil mapping is advancing on different fronts at different rates all across the world. This book presents the state-of-the art and explores

strategies for bridging research, production, and environmental application of digital soil mapping.It includes examples from North America, South America, Europe, Asia, and Australia. The chapters address the following topics: - evaluating and using legacy soil data - exploring new environmental covariates and sampling schemes - using integrated sensors to infer soil properties or status - innovative inference systems predicting soil classes, properties, and estimating their uncertainties - using digital soil mapping and techniques for soil assessment and environmental application - protocol and capacity building for making digital soil mapping operational around the globe.

Learn about the most important concepts surrounding web development and demystify jQuery. This book gives you the confidence to abandon your jQuery crutches and walk freely with the power of the web API and JavaScript. Beyond jQuery doesn't just throw code at you - everything is explained in detail from the perspective of a jQuery developer. jQuery is often injected into web applications and libraries with no logical reason for pulling it in as a dependency. Many web developers don't really know when they need to use jQuery, and when they don't - it's just a standard step when setting up a new library or web application. But relying solely on jQuery as your window to the web leaves large gaps in your knowledge. This in turn results in frustration when

the abstraction that jQuery provides "leaks" and exposes you to the native aspects of the browser. This book educates developers, reveals the magic behind jQuery, helps you solve common problems without it, and gives you more confidence to embrace the power of the web API and standardized JavaScript. What You'll Learn Use the web API and standardized JavaScript Determine when you need jQuery and when you don't Review common JavaScript utility functions Work with HTML elements Who This Book Is For Any web developer who is interested in learning how to live without jQuery, and deepening their understanding of web development.

ASP.NET 2.0 is Microsoft's premier technology for creating dynamic websites, and C# 2005 its preferred language. Development and innovation in this sector has continued at a rapid pace with the "Web 2.0" technologies of Ajax and Microsoft "Atlas" both becoming available since the .NET 2.0 launch. This special edition of Pro ASP.NET 2.0 in C# 2005 includes new chapters explaining how to use important new technologies. Beyond the book's already extensive coverage, readers will learn to create Ajax and Atlas applications in ASP.NET 2.0, and will appreciate its deeper coverage of ASP.NET 2.0 Performance Tuning.

This book will follow the proven pattern of its previous .NET 2.0 and .NET 1.1 editions, teaching novice users how to use ASP.NET by gradually building their knowledge of the technology up in a pyramidal fashion

chapter by chapter. Comprehensively revised for both ASP.NET 3.5 and the new C# 3.0 language this book presents the easiest path to ASP.NET 3.5 mastery. This is one of the first books introducing novices to this important new technology area, and is written specifically in their coding language of preference. The book is written by a proven and award winning .NET author that has been following the technology release cycle since its inception.

Exploring Web ComponentsBPB Publications
Seismic attributes play a key role in exploration and exploitation of hydrocarbons. In Seismic Attributes for Prospect Identification and Reservoir Characterization (SEG Geophysical Developments No. 11), Satinder Chopra and Kurt J. Marfurt introduce the physical basis, mathematical implementation, and geologic expression of modern volumetric attributes including coherence, dip/azimuth, curvature, amplitude gradients, seismic textures, and spectral decomposition. The authors demonstrate the importance of effective color display and sensitivity to seismic acquisition and processing. Examples from different basins illustrate the attribute expression of tectonic deformation, clastic depositional systems, carbonate depositional systems and diagenesis, drilling hazards, and reservoir characterization. The book is illustrated generously with color figures throughout. "Seismic Attributes" will appeal to seismic interpreters who want to extract more information from data; seismic processors and imagers who want to learn how their efforts impact subtle stratigraphic and fracture plays; sedimentologists,

stratigraphers, and structural geologists who use large 3D seismic volumes to interpret their plays within a regional, basinwide context; and reservoir engineers whose work is based on detailed 3D reservoir models. Copublished with EAGE.

The Franciscan John Duns Scotus (c. 1266-1308) is the philosopher's theologian par excellence: more than any of his contemporaries, he is interested in arguments for their own sake. Making use of the tools of modern philosophy, Richard Cross presents a thorough account of Duns Scotus's arguments on God and the Trinity. Providing extensive commentary on central passages from Scotus, many of which are presented in translation in this book, Cross offers clear expositions of Scotus's sometimes elliptical writing. Cross's account shows that, in addition to being a philosopher of note, Scotus is a creative and original theologian who offers new insights into many old problems.

This unique text/reference reviews the key principles and techniques in conceptual modelling which are of relevance to specialists in the field of cultural heritage. Information modelling tasks are a vital aspect of work and study in such disciplines as archaeology, anthropology, history, and architecture. Yet the concepts and methods behind information modelling are rarely covered by the training in cultural heritage-related fields. With the increasing popularity of the digital humanities, and the rapidly growing need to manage large and complex datasets, the importance of information modelling in cultural heritage is greater than ever before. To address this need, this book serves in the place of a

course on software engineering, assuming no previous knowledge of the field. Topics and features: Presents a general philosophical introduction to conceptual modelling Introduces the basics of conceptual modelling, using the ConML language as an infrastructure Reviews advanced modelling techniques relating to issues of vagueness, temporality and subjectivity, in addition to such topics as metainformation and feature redefinition Proposes an ontology for cultural heritage supported by the Cultural Heritage Abstract Reference Model (CHARM), to enable the easy construction of conceptual models Describes various usage scenarios and applications of cultural heritage modelling, offering practical tips on how to use different techniques to solve real-world problems This interdisciplinary work is an essential primer for tutors and students (at both undergraduate and graduate level) in any area related to cultural heritage, including archaeology, anthropology, art, history, architecture, or literature. Cultural heritage managers, researchers, and professionals will also find this to be a valuable reference, as will anyone involved in database design, data management, or the conceptualization of cultural heritage in general. Dr. Cesar Gonzalez-Perez is a Staff Scientist at the Institute of Heritage Sciences (Incipit), within the Spanish National Research Council (CSIC), Santiago de Compostela, Spain.

Silverlight Recipes: A Problem-Solution Approach is your practical companion to developing rich, interactive web applications with Microsoft's latest technology. This book tackles common problems and scenarios that on-the-job

developers face every day by revealing code and detailed solutions. You'll quickly be able to integrate real-world, functioning code into your applications—and save hours of coding time. The recipes included in Silverlight Recipes: A Problem-Solution Approach have been carefully selected and tested with the professional developer in mind. You'll find problems stated clearly and succinctly, artful solutions explored, and ample discussion of the code and context so you're immediately clear how the solution will support your project. Enjoy practical coverage of Silverlight development in many projects and contexts, including: Designing complete, rich, interactive user experiences Manipulating content and the runtime environment through the Silverlight Plug-in Runtime API Consuming, transforming, and displaying content in your Silverlight web application through XML, LINQ-based data access, and isolated storage Building custom controls for your Silverlight project Integrating rich media, including audio and video, to create a very dynamic user interface and experience Using new Silverlight features, including .NET Framework integration, the use of dynamic languages like Python and Ruby in Silverlight development, and digital rights management support Find instant solutions, comprehensive Silverlight coverage, and time-saving expert advice, all in Silverlight Recipes: A Problem-Solution Approach.

This practical book describes the key operations of ARIS Toolset - the market leading Business Process Modelling Tool. Based on his experience of using ARIS in British Telecommunications plc, the author describes practical

ways of using the tool. Using screen shots and plenty of practical examples, Rob Davis shows how ARIS can be used to model business processes. Throughout the book Davis provides readers with tips and short-cuts, enabling users to start modelling quickly and effectively. He also provides insights into the ARIS concepts, and tells readers about the benefits and trade-offs of using the tool in alternative ways. Unlike other books, this practical guide tackles issues found in real projects.

This comprehensive book offers you everything you'll need to make the transition to the newest version of the world's most popular programming language. You'll get detailed information on how to use VB 2005 in the ever-expanding .NET world using both essential explanations of the topics and key code demonstrations and you'll learn how to build everything from traditional console applications to ASP.NET applications and XML Web Services so you can take your abilities to new levels.

jQuery is often referred to as the 'write less, do more' JavaScript library. It allows a few clear lines of elegant, well-tested, code to replace many pages of complex hand-coded script, speeding development times and providing substantial cost savings. You will find jQuery 2 Recipes' problem-solution approach to be an excellent value and a feature-packed resource as you begin to include jQuery in your own projects. This book is bursting with fully-worked example recipes showing the core jQuery frameworks (jQuery, jQuery Mobile, jQuery UI) in action. Starting with fundamental principals and progressing to more advanced topics you'll be shown how to make the very best use of jQuery every step of the way. Early on, you'll learn to work confidently with dynamic data and to handle the jQuery events that form the foundation of your application. We'll then build on this foundation to demonstrate

how fully working user-interface animations and AJAX data-validation can be constructed within jQuery. We'll show how add-on libraries like jQwidgets can be deployed to create professional quality apps for both the desktop and web with minimal coding. Finally, a full set of debugging and error-handling recipes is included to help you track down bugs and ensure your code is as robust as it can be.
This book is the most comprehensive and up to date introduction to ASP.NET ever written. Focussing solely on C#, with no code samples duplicated in other languages, award winning author Matthew MacDonald introduces you to the very latest thinking and best practices for the ASP.NET 4.5 technology. Assuming no prior coding experience, you'll be taught everything you need to know from the ground up. Starting from first principals, you'll learn the skills you need to be an effective ASP.NET developer who is ready to progress to more sophisticated projects and professional work. You'll be taught how to use object orientation and code-behind techniques to lay out your code clearly in a way other developers can easily understand. You'll learn how to query databases from within you web pages, spice up your layouts using ASP.NET AJAX and deploy your finished websites to production servers. You'll also learn how to debug your code when things go wrong and the performance and scalability issues that can affect your web projects as they grow. With you book you can take your first step towards becoming a successful ASP.NET developer with confidence.
The Handbook of Poststack Seismic Attributes is a general reference for poststack seismic attributes. It discusses their theory, meaning, computation, and application, with the goal of improving understanding so that seismic attributes can be applied more effectively. The chapters of the book build upon each other and progress from basic attributes to more involved methods. The book introduces the ideas that

underlie seismic attributes and reviews their history from their origins to current developments. It examines attribute maps and interval statistics; complex trace attributes; 3D attributes that quantify aspects of geologic structure and stratigraphy, primarily dip, azimuth, curvature, reflection spacing, and parallelism; seismic discontinuity attributes derived through variances or differences; spectral decomposition, thin-bed analysis, and waveform classification; the two poststack methods that purportedly record rock properties — relative acoustic impedance through recursive inversion, and Q estimation through spectral ratioing; and multiattribute analysis through volume blending, cross-plotting, principal component analysis, and unsupervised classification. The book ends with an overview of how seismic attributes aid data interpretation and discusses bright spots, frequency shadows, faults, channels, diapirs, and data reconnaissance. A glossary provides definitions of seismic attributes and methods, and appendices provide background mathematics. The book is intended for reflection seismologists engaged in petroleum exploration, including seismic data interpreters, data processors, researchers, and students.

This comprehensive, detailed reference provides readers with both a working knowledge of Mathematica in general and a detailed knowledge of the key aspects needed to create the fastest, shortest, and most elegant implementations possible. It gives users a deeper understanding of Mathematica by instructive implementations, explanations, and examples from a range of disciplines at varying levels of complexity. The three volumes -- Programming, Graphics, and Mathematics, total 3,000 pages and contain more than 15,000 Mathematica inputs, over 1,500 graphics, 4,000+ references, and more than 500 exercises. This first volume begins with the structure of Mathematica expressions, the syntax of Mathematica, its programming, graphic, numeric and symbolic capabilities. It

then covers the hierarchical construction of objects out of symbolic expressions, the definition of functions, the recognition of patterns and their efficient application, program flows and program structuring, and the manipulation of lists. An indispensible resource for students, researchers and professionals in mathematics, the sciences, and engineering. * Covers common administration tasks for Exchange 5.5, Exchange 2000, Exchange 2003, Internet Information Server (IIS) 4 and 5 and 6, and Windows NT 4, 2000, XP and Windows 2003. * Extensive examples using Windows Management Instrumentation (WMI), which provides registry, network/system administrative, and security operations. * This book is the analog of the tools that were used in our very successful book, ISBN 1590592123 Automating UNIX and Linux Administration (Apress, 2003) for similar tasks.