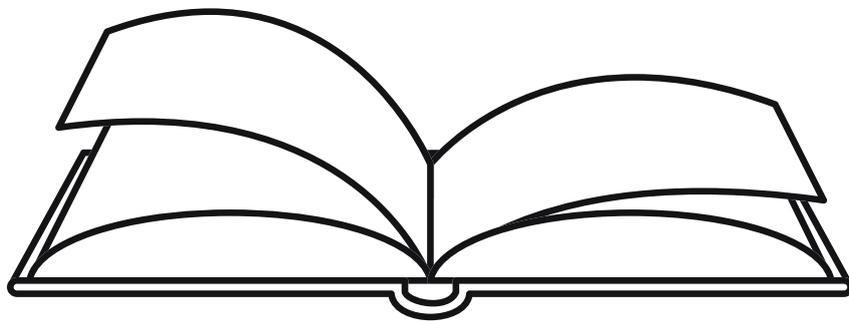




MURACH BOOKS

*Doing everything we can to publish
the best book on each subject*



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About Murach Books:

What We Do Differently:

The short answer to what we do differently is: Just about everything. But here are a few of the ways in which we differ.

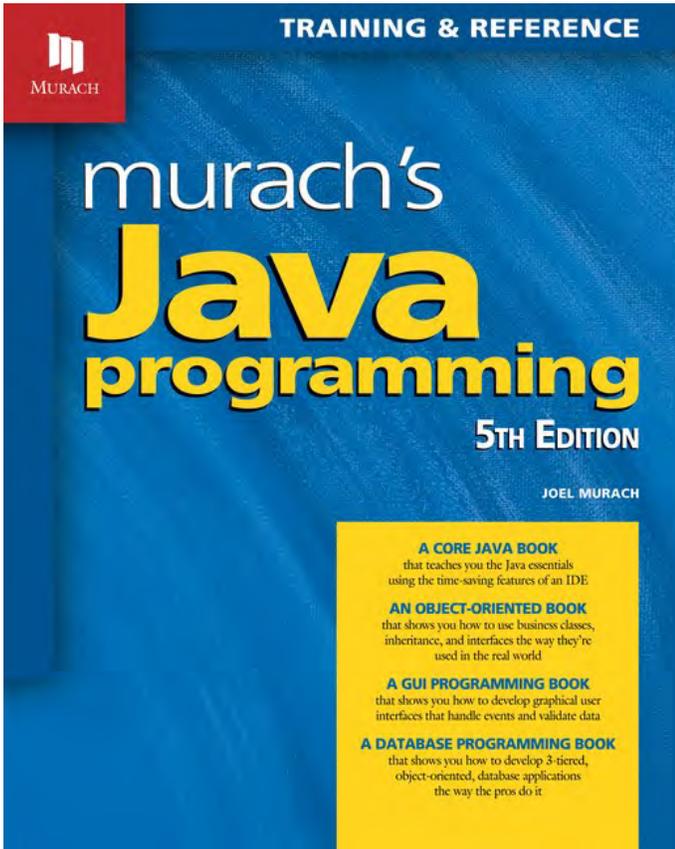
Our founding principles:

Concerns like those eventually led Mike to start his own publishing company in 1972...a company that would be run on an entirely different set of principles.

- Do everything we can to publish the best book on each subject.
- Never let schedule or budget compromise the quality of a book.
- Market each book in an open and honest way.
- Guarantee every book that we publish so our customers will never feel that they didn't get their money's worth.
- Never try to make a buck by being unfair to a customer, vendor, or employee.

"Whenever you buy one of our books, we want you to be confident that it's going to be the best one on that subject. That's been our primary goal throughout our history. That's why we refuse to let schedule or budget interfere with quality. That's why we don't work the way other publishers do. And that's why we're delighted every time a customer tells us: "When I look up a technology subject on the web, I always put 'Murach' as a key search parameter."

Ben Murach
President, Murach Books



Murach's Java Programming 5/e

By *Murach Joel*

This is the 5th edition of Murach's classic Java book that's trained thousands of developers since 2001.

Now fully updated to Java 9, this book helps any programmer learn Java faster and better than ever before:

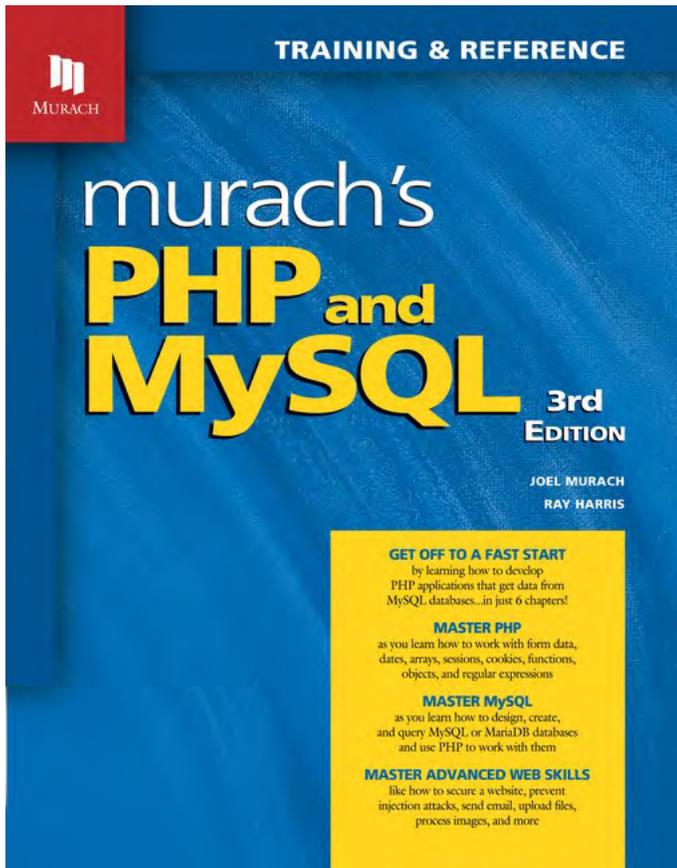
- * It's the one Java book that presents object-oriented features like inheritance, interfaces, and polymorphism in a way that's both understandable and useful in the real world.
- * It offers new coverage of JavaFX, the date/time API, lambdas, and working with SQLite databases.
- * It uses a self-paced approach that works whether you're a beginner or have years of programming experience.
- * It's full of practical coding examples that enhance training and that provide starting code for new applications.
- * It lets you practice what you've just learned at the end of every chapter, to solidify your skills.
- * And it's all done in the distinctive Murach style that has been training professional programmers for more than 43 years.

Author Bio:

Joel Murach is the oldest son of publishing pioneer Mike Murach. Joel has been writing and editing books about computer programming for over 20 years now. During that time, he has written extensively on a wide range of Java, .NET, web, and database technologies. He has had best-selling books in all those categories! In his books, you can see his clear approach to teaching any subject. Besides being a successful author, Joel is also a very talented musician. He writes and performs for his band, Joel Murach and the Low Rollers with regularity in the Bay Area.

AUD RRP: \$101.00	ISBN-13: 9781943872077
Release Date: 22/09/2017	Discount: Acad & Professional
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Illustration: B&W Throughout	Pages: 800





Murach's PHP and MySQL 3/e

By Joel Murach and Ray Harris

"I can't count how many PHP books I have purchased over the years trying to learn the language. Murach's was the first book that helped me grasp the concepts and got me onto actually scripting in PHP." That's what one developer posted on the first edition of Murach's PHP and MySQL.

Now, this 3rd Edition does a better-than-ever job of delivering the skills you need to develop database-driven websites using PHP and MySQL, the way today's top web professionals do.

Section 1 is a quick-start course that shows how to use the latest versions of PHP, MySQL (or MariaDB), and the Apache web server to build your first PHP applications. Right from the start, you'll learn to create applications that conform to the MVC pattern, so they'll be easier to maintain as they grow. In addition, you'll learn how to create applications that prevent SQL injection attacks and guard against XSS attacks.

Section 2 takes you deeper into PHP by covering the skills you'll use every day, like how to work with form data, dates, arrays, sessions, cookies, functions, objects, regular expressions, and exceptions.

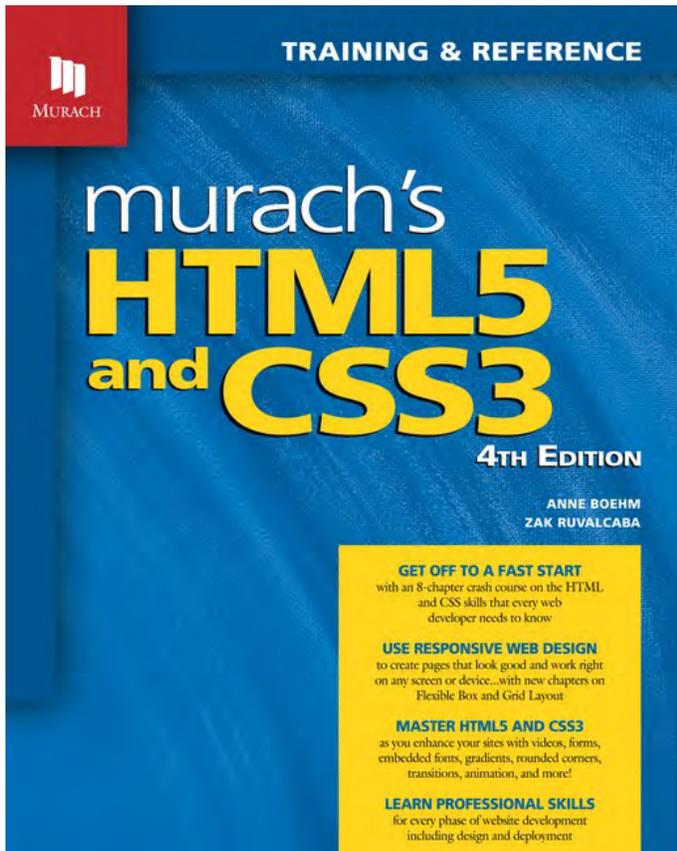
Likewise, Section 3 dives into MySQL, teaching you how to design and create a database, as well as how to access and maintain database data from your PHP programs.

Finally, Section 4 teaches you important web programming skills like how to secure web pages, send email, upload files, and process images.

Along the way, you'll find out how to take advantage of PHP 7 enhancements like scalar data type declarations and improved error handling, as well as new operators and functions. Complete sample applications and chapter exercises provide training support throughout. A great choice for any developer who wants to master PHP without a lot of frustration and unnecessary expense.

AUD RRP: \$97.99	ISBN-13: 9781943872381
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Format: Paperback	Size: 255.00 X 205.00
Illustration: B&W Throughout	Pages: 866





Murach's HTML5 and CSS3 4/e

By Anne Boehm and Zak Ruvalcaba

“Until now, my websites looked great but have been coded with what seems like ‘duct-tape and bubble-gum’ methods, just for appearances and not for professionalism or compliance. This book taught me all that is possible with HTML and CSS coding.... What a game changer!” That’s what one web designer posted about a previous edition of Murach’s HTML5 and CSS3.

Now, this 4th Edition updates and improves all the HTML and CSS content in the book...and it adds coverage of Flexible Box and Grid Layout, two new CSS3 ways to implement page layouts. So, whether you’re a web designer, a JavaScript programmer, a server-side programmer, or a rookie, this book delivers all the HTML and CSS skills that you need on the job. This book begins with an 8-chapter hands-on course that teaches you HTML and CSS from scratch, including the latest HTML5 and CSS3 features.

This short course ends with a chapter that teaches you how to use fluid design and media queries to implement Responsive Web Design so your pages will look good and work right on any screen, from phone to tablet to desktop. After that, the unique design of this book lets you go on to any other chapter to learn new skills whenever you need them.

For example, chapters 9 and 10 show you how to use Flexible Box and Grid Layout. Chapter 13 shows you how to work with forms and data validation. Chapter 14 shows you how to enhance a site with video clips. Chapter 16 shows you how to use CSS3 transitions, transforms, and animations. Chapters 17 and 18 show you how to design and deploy a website. Chapters 19 and 20 introduce other professional skills like how to use JavaScript and jQuery and how to use development tools like Bootstrap, SASS, and Emmet. And after you’ve learned all the skills that you need, this book becomes the best on-the-job reference you’ve ever used.

Author Bio:

Zak Ruvalcaba has been researching, designing, and developing for the web since 1995. As a full-time web developer, he’s developed web applications for companies like Gateway, HP, Toshiba, IBM, Intuit, Peachtree, Dell, and Microsoft. As a full-time instructor, he’s headed up the Front-End Web Developer Certificate Program in the San Diego Community College District, where he’s responsible for running the program and developing the curriculum. With over 30 years as a technical author, Anne Boehm obviously loves computing and writing. Since she first started with Murach Books in 1981, she has displayed a gift for organizing complex material and making it easy to understand. Over the years, she has programmed and written about a wide range of subjects, from enterprise programming to user tools like Microsoft Excel to .NET programming to Web design and development. Pick up any of her titles to see her skill as a technical writer.



AUD RRP: \$101.00

ISBN-13: 9781943872268

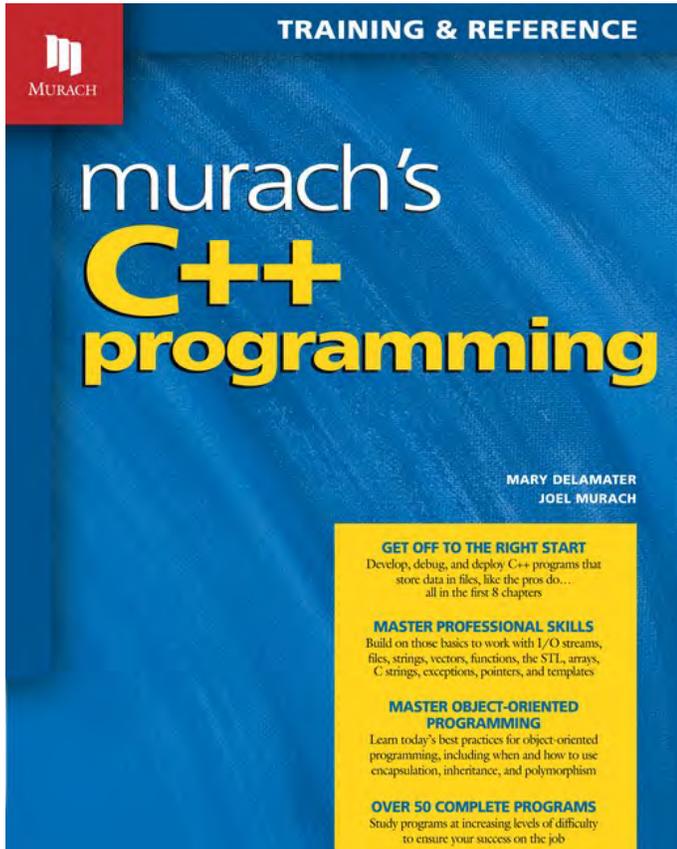
Release Date: 02/05/2018

Discount: Acad & Professional

Format: Paperback

Size: 255.00 X 205.00

Illustration: B&W Throughout Pages: 736



Murach's C++ Programming

By Joel Murach and Mary Delamater

C++ was first released in 1985, and it was a hard language to learn. That's because it required programmers to master low-level techniques to work with memory. Over the years, C++ has evolved to provide many higher-level techniques that make it much easier to write effective C++ code.

But most C++ books haven't evolved with the language. Now, Murach's top authors have tackled the subject, rethinking the whole approach.

So, this book takes advantage of the modern techniques to make it easier to learn C++ than ever before. It's organized in a logical way that gets you off to a fast start with a practical subset of today's C++, and then builds out you're coding and OOP skills to the professional level.

With that foundation in place, it also covers older techniques, so you'll be able to maintain the vast amount of legacy code that's out there, as well as work with embedded systems that don't support the newer techniques.

To make all that manageable, this book uses Murach's distinctive "paired-pages" format that programmers find so helpful for both training and reference: Each topic is presented in a 2-page spread, with syntax, coding examples, and bulleted guidelines on the righthand page and extra explanation and perspective on the left.

What's more, this book gives you 50+ realistic program examples to study, as well as practice exercises for hands-on experience.

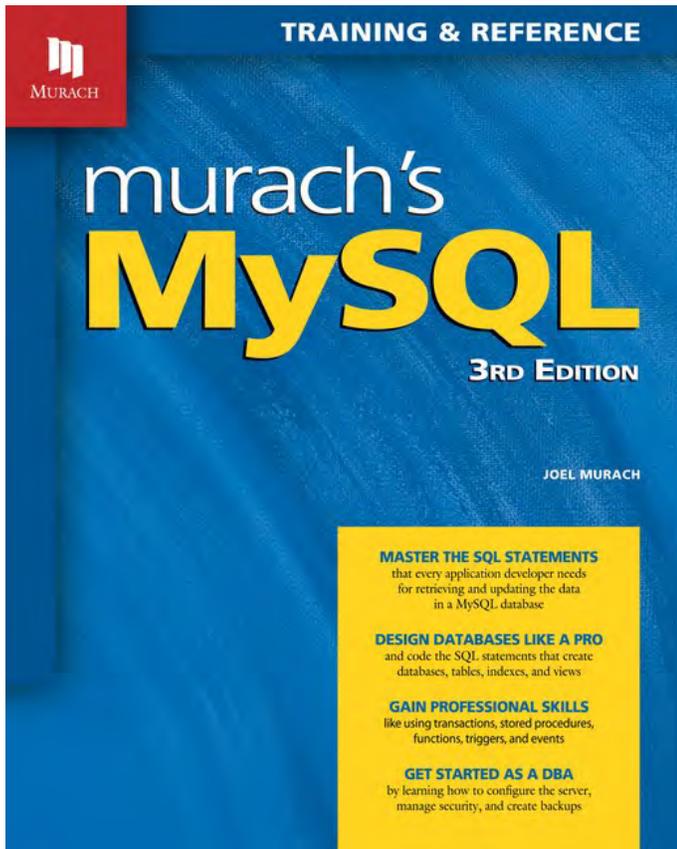
Examples and exercises like these are the key to learning any programming language. But you'll have a hard time finding such effective ones in other books and courses, that deliver the skills ours do.

Author Bio:

Mary has a bachelor's degree from Lewis-Clark State College and holds several certifications. Currently, she works for TechKnowSolve, which is her software development company. Also, she has been helping Murach Books develop great technical books. Joel Murach is the oldest son of publishing pioneer Mike Murach. Joel has been writing and editing books about computer programming for over 20 years now. During that time, he has written extensively on a wide range of Java, .NET, web, and database technologies. He has had best-selling books in all those categories! In his books, you can see his clear approach to teaching any subject. Besides being a successful author, Joel is also a very talented musician. He writes and performs for his band, Joel Murach and the Low Rollers with regularity in the Bay Area.

AUD RRP: \$101.00	ISBN-13: 9781943872275
Release Date: 21/11/2018	Discount: Acad & Professional
Format: Paperback	Size: 255.00 X 205.00
Illustration: B&W Throughout	Pages: 770





Murach's MySQL 3/e

By Anne Boehm and Zak Ruvalcaba

This is the latest edition of the book that application developers worldwide have used to master MySQL...now updated for MySQL 8 and beyond.

As you would expect, this book shows how to code all the essential SQL statements for working with a MySQL database.

You'll use these statements every day to have MySQL do more of your work for you.

But beyond that, it shows how to work with classic MySQL features that take you to new level, such as summary queries, subqueries, functions, views, transactions, stored procedures, triggers, and security.

It shows how to take advantage of newer MySQL features such as window functions, Common Table Expressions (CTE), and roles for database security.

It shows how to design a database, including how to use MySQL Workbench to create and implement the design.

It even presents a starting set of skills for a database administrator (DBA) if you're interested in that career path or if you need to be your own DBA.

In short, it's a must-have guide for anyone who works with MySQL, beginning and experienced developers alike.

AUD RRP: \$97.99

ISBN-13: 9781943872367

Release Date: 22/05/2019

Discount: Acad & Professional

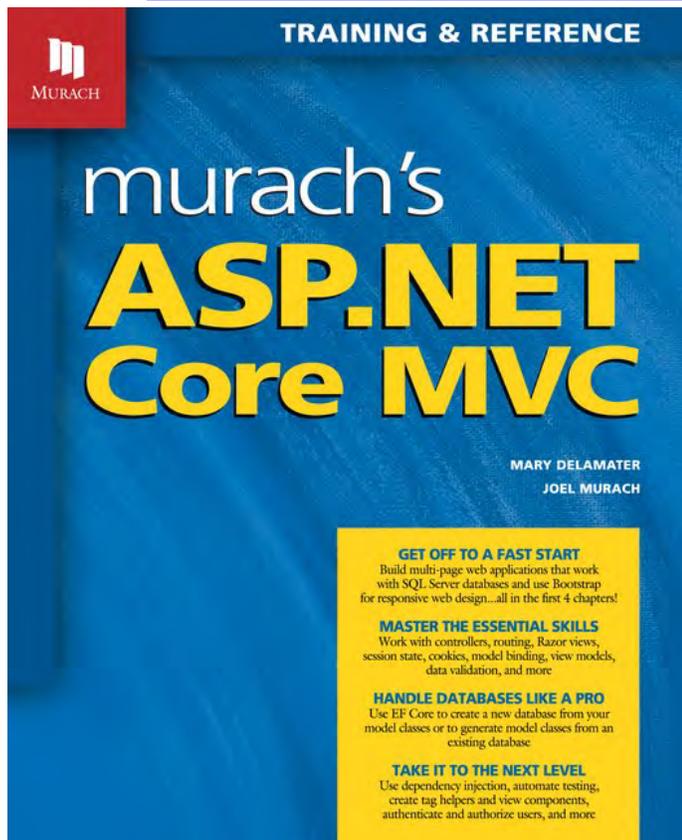
Format: Paperback

Size: 255.00 X 205.00

Illustration: B&W Throughout

Pages: 628





Murach's ASP.NET Core MVC

By Joel Murach and Mary Delamater

If you know the basics of C#, you're ready to learn how to create web applications using Microsoft's powerful technology, ASP.NET Core MVC (Model-View-Controller). And there's no more practical way to do it than with this book.

By the end of section 1...just 5 chapters...you'll be developing real-world web apps that follow the MVC pattern, using C# code for the model and controller classes...HTML, CSS, and Razor code for the user interface (the view)...and Bootstrap classes for responsive design so that your apps adapt well to all screen sizes. You'll also be able use the debugging tools in Visual Studio and your browser to test your apps thoroughly.

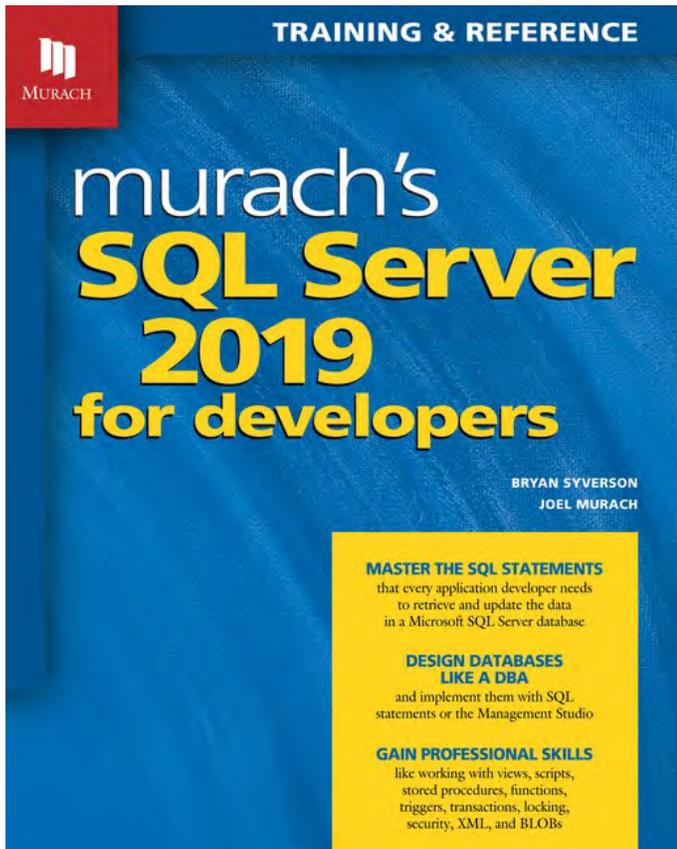
In section 2, you'll build out that set of skills to create more complex controllers, work with Razor views, handle cookies and sessions, do model binding, validate data, and handle database data with EF (Entity Framework) Core. You'll also see how all these skills come together in a single application, with coverage of the "gotchas" that can occur and how to solve them.

Finally, in section 3, you can pick up additional skills as you need them: use dependency injection to make your code easier to test; automate testing; create custom tag helpers and view components to reduce code duplication; control user access to a site with ASP.NET Core Identity; and use Visual Studio Code, an increasingly popular alternative to the Visual Studio IDE. All along the way, you'll get complete web apps that show you how each feature works in context (you can download these apps for free from the Murach website).

You'll get chapter exercises that let you practice your new skills. And you'll get Murach's distinctive "paired-pages" format that presents each skill in a 2-page spread, full of examples, notes, and explanation...a format that developers praise because it saves training and reference time.



AUD RRP: \$101.00	ISBN-13: 9781943872497
Release Date: 07/03/2020	Discount: Acad & Professional
Format: Paperback	Size: 255.00 X 205.00
Illustration: B&W Throughout	Pages: 780



Murach's SQL Server 2019 for Developers

By Joel Murach and Bryan Syverson

If you're an application developer, or you're training to be one, this latest edition of Murach's classic SQL Server book is made for you.

To start, it presents the SQL statements that you need to retrieve and update the data in a database.

These are the SQL statements that you'll use every day.

Then, it shows you how to design a database, how to implement that design, and how to work with database features like views, scripts, stored procedures, functions, triggers, transactions, security, XML data, and BLOB data with FILESTREAM storage.

The result? You'll be able to create database applications that are thoroughly professional.

You'll be familiar with the DBA-related issues that let you work far more effectively than most of your colleagues.

And you'll have a handy reference at your side to answer questions and handle new challenges as they come up.

AUD RRP: \$101.00

ISBN-13: 9781943872572

Release Date: 01/06/2020

Discount: Acad & Professional

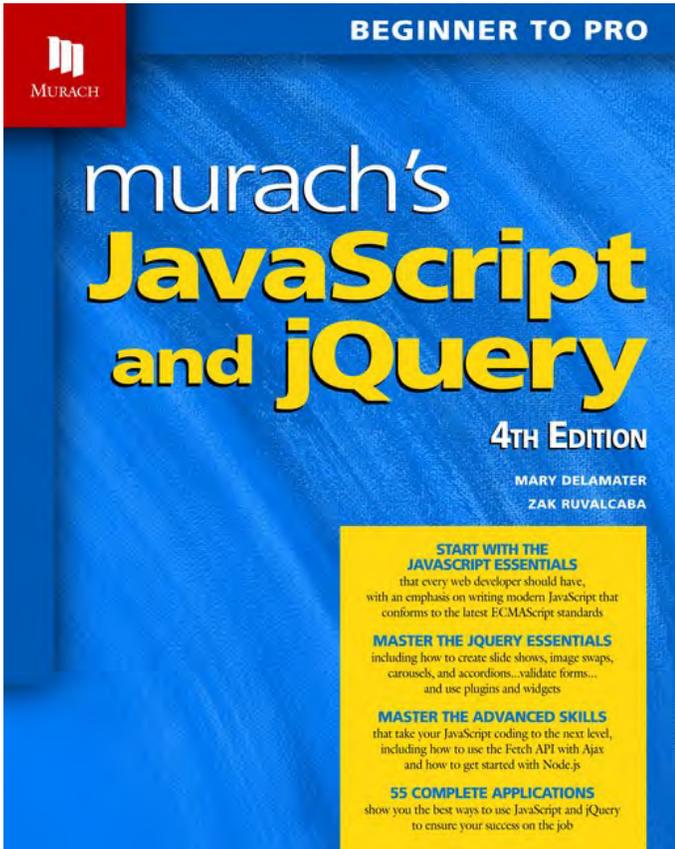
Format: Paperback

Size: 255.00 X 205.00

Illustration: B&W Throughout

Pages: 684





Murach's JavaScript and jQuery 4/e

By Mary Delamater and Zak Ruvalcaba

If you're developing websites, you must know JavaScript. There's no way around it today. And this latest edition of Murach's popular book teaches you how to code modern JavaScript that conforms to the ECMAScript standards, the way the pros do.

At the same time, it teaches you how to use jQuery, the classic JavaScript library, to handle the DOM scripting that gives JavaScript so much of its power. And it works no matter whether you're a web designer who's coming from a background in HTML and CSS or a server-side programmer who's coded in languages like PHP, C#, Java, and Python. How is all that possible?

Section 1 presents a 7-chapter course on JavaScript that will get anyone off to a great start, with a special focus on the skills that you need to get the most from jQuery.

Then, section 2 presents the jQuery skills that you're likely to use, including how to create slide shows, image swaps, carousels, and accordions...how to validate the data in forms...and how to use plugins and widgets. At that point, you'll have a solid set of JavaScript and jQuery skills.

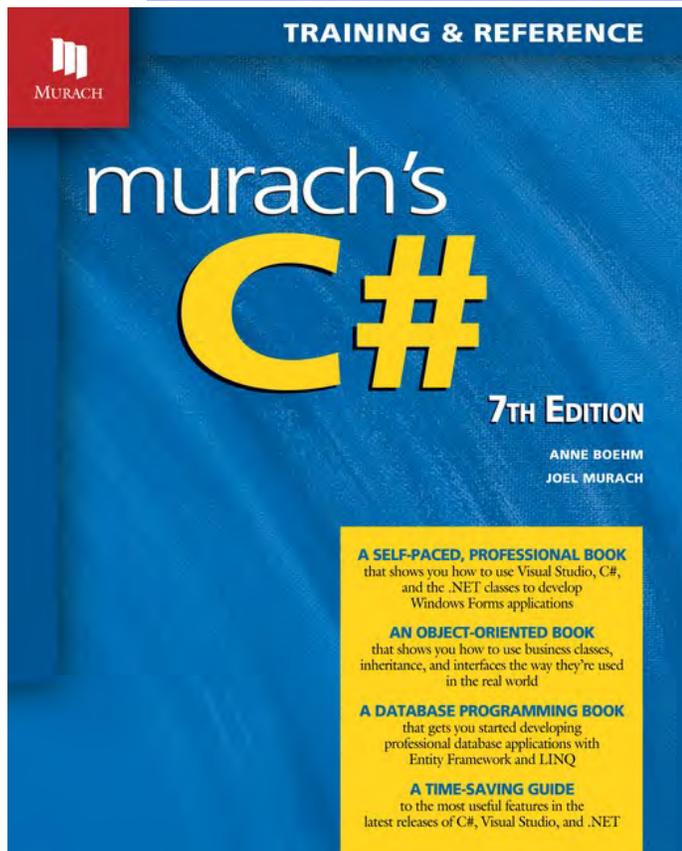
Then, section 3 lets you expand your skill set as you learn how to work with date and time objects, browser objects, web storage, arrays, your own objects, regular expressions, and more.

Finally, section 4 takes your skills to a new level as you learn how to use ECMAScript modules, work with Promises and Ajax, and get started using Node.js.

Complete coding examples, practice exercises, and Murach's distinctive "paired-pages" format (each topic is presented in a 2-page spread with text and illustrations) all combine to let you tailor the pace and content to your personal learning style.



AUD RRP: \$101.00	ISBN-13: 9781943872626
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Illustration: B&W Throughout	Pages: 753



Murach's C# 7/e

By Joel Murach and Anne Boehm

This C# book has been a favourite of developers ever since the 1st edition came out in 2004.

So, you can be sure that this latest edition will deliver the professional skills you're looking for today.

In fact, it will teach you the C# essentials more easily than ever, as it shows you how to take advantage of the most recent releases of C#, .NET, and Visual Studio.

It's a self-paced book that shows you how to use Visual Studio, C#, and the .NET classes to develop Windows Forms applications...whether you're new to programming or not.

It's an object-oriented book that shows you how to use business classes, inheritance, and interfaces the way they're used in the real world.

It's a database programming book that shows you how to create professional database applications using Entity Framework and LINQ or ADO.NET.

When you're done, you'll be able to develop 3-tiered, object-oriented, Windows Forms applications the way the best professionals do.

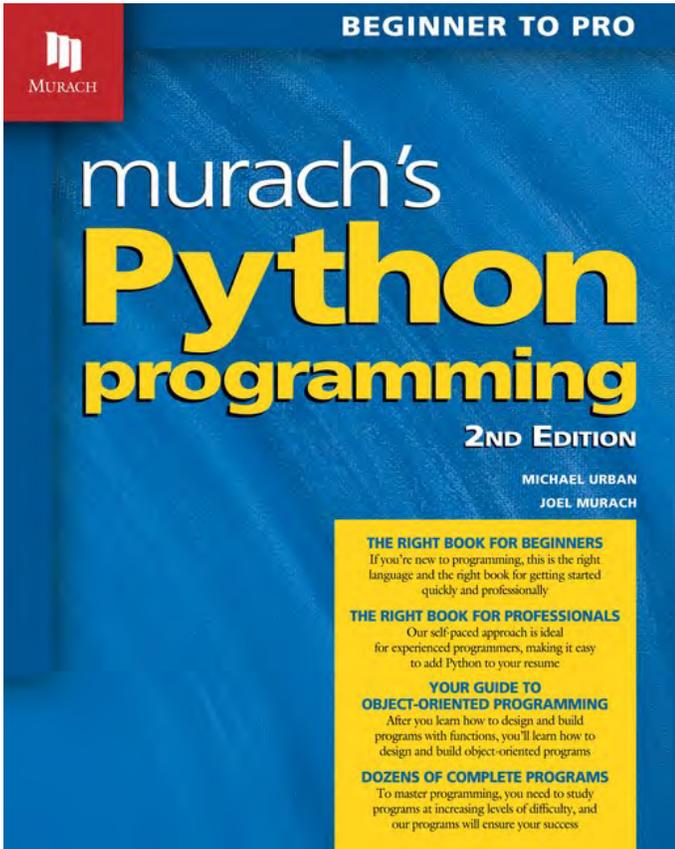
And you'll have the essential skills that you need to develop any C# application...whether for the desktop, the web, or mobile devices.

Author Bio:

With over 30 years as a technical author, Anne Boehm obviously loves computing and writing. Since she first started with Murach Books in 1981, she has displayed a gift for organizing complex material and making it easy to understand. Over the years, she has programmed and written about a wide range of subjects, from enterprise programming to user tools like Microsoft Excel to .NET programming to Web design and development. Pick up any of her titles to see her skill as a technical writer.



AUD RRP: \$101.00	ISBN-13: 9781943872534
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Format: Paperback	Size: 255.00 X 205.00
Illustration: B&W Throughout	Pages: 816



Murach's Python Programming 2/e

By Joel Murach and Michael Urban

If you want to learn how to program but don't know where to start, this is the right book and the right language for you.

From the first page, our self-paced approach will help you build competence and confidence in your programming skills.

And Python is the best language ever for learning how to program because of its simplicity and breadth...two features that are hard to find in a single language.

But this isn't just a book for beginners!

Our self-paced approach also works for experienced programmers, helping you learn Python faster and better than you've ever learned a language before.

By the time you're through, you will have mastered the key Python skills that are needed on the job, including those for object-oriented, database, and GUI programming.

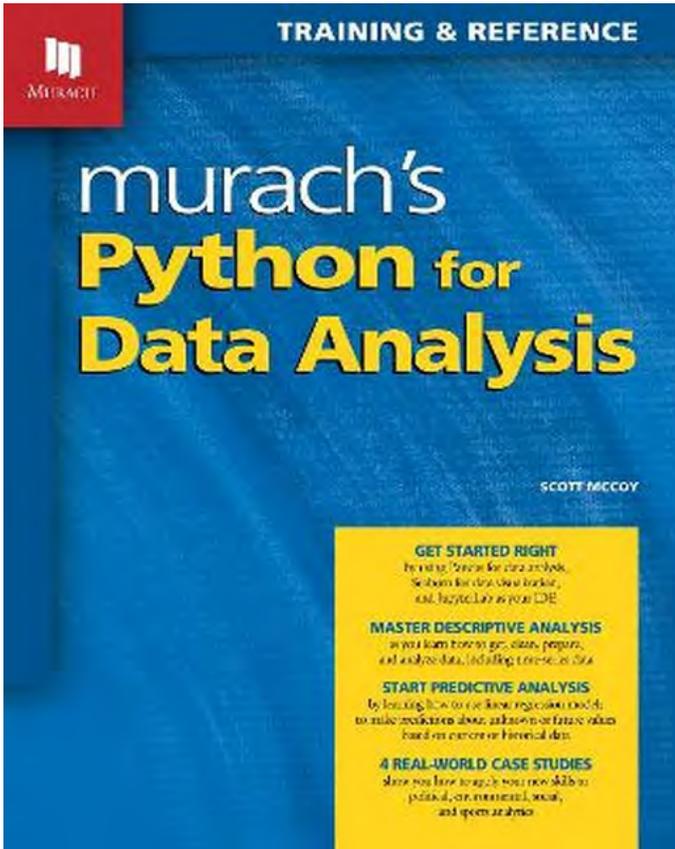
To make all this possible, section 1 presents an 8-chapter course that will get anyone off to a great start with Python. Section 2 builds on that base by presenting the other essential skills that every Python programmer should have.

Section 3 shows you how to develop object-oriented programs, a critical skillset in today's world.

And section 4 shows you how to apply all the skills that you've already learned as you build database and GUI programs for the real world.

AUD RRP: \$101.00	ISBN-13: 9781943872749
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Illustration: B&W Throughout	Pages: 564





Murach's Python for Data Analysis

By McCoy Scott

Data is collected everywhere these days, in massive quantities. But data alone doesn't do you much good.

That's why data analysis—making sense of the data—has become a must-have skill in the fields of business, science, and social science. But it's a tough skill to acquire.

The concepts are challenging, and too many books and online tutorials treat only parts of the total skillset needed. Now, though, Murach's Python for Data Analysis draws all the essential skills together and presents them in a clear and example-packed way.

So, you'll soon be applying your programming skills to complex data analysis problems, more easily than you ever thought possible. In terms of content, this book gets you started the right way by using Pandas for data analysis and Seaborn for data visualization, with JupyterLab as your IDE.

Then, it helps you master descriptive analysis by teaching you how to get, clean, prepare, and analyse data, including time-series data.

Next, it gets you started with predictive analysis by showing you how to use linear regression models to predict unknown and future values.

And to tie everything together, it gives you 4 real-world case studies that show you how to apply your new skills to political, environmental, social, and sports analysis.

At the end, you'll have a solid set of the professional skills that can lead to all sorts of new career opportunities. Sound too good to be true?

Download a sample chapter for free from the Murach website and see for yourself how this book can turn you into the data analyst that companies are looking for.

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A=Trade Australia, E=Trade International,
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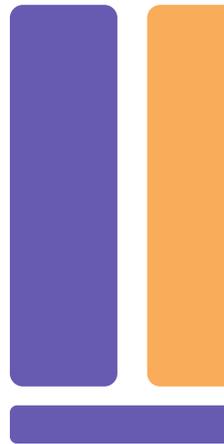
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