it's not all technical. There's also invaluable information on the people (that work on Mainframes), Mainframe management issues, new Mainframe trends, and other facts that don't seem to be written down anywhere else. Programmers, managers, recruitment consultants, and industry commentators will all find this book their new best friend when trying to understand the Mainframe world.

Standard COBOL Presents an illustrated A-Z encyclopedia containing approximately 690 entries on computer and technology related topics.

SQL Procedures, Triggers, and Functions on IBM DB2 for i

What On Earth is a Mainframe?

Assembler Language Programming Now you can quickly master ISPF with this practical book. Chapter 1 introduces you to MVS (both MVS/VM and MVS/ESA) and shows you how TSO/ISPF relates to the operating system. Then, the remaining 7 chapters teach you how to use ISPF for everyday programming tasks.

IMS for the COBOL Programmer: Data communications and message format service Based on the best-selling, COBOL text by Robert and Nancy Stern. * Increased coverage of iLE COBOL and subroutines.

Murach's CICS Desk Reference An introduction to the instruction set architecture and assembly language for the IBM mainframe including addressing models, basic instruction formats, operand addressing, the Program Status Word, subroutine linkage, loop, input output, character & bit manipulation, along with the decimal (BCD) instruction set. Includes several comprehensive programming examples. Designed to be used in conjunction with the Windows-based open source, z/OS mainframe simulator. Assumes no prior knowledge of assembly language programming. About the author: the author is a professor of computer science at the University of Northern Iowa in Cedar Falls, Iowa where he has taught IBM assembly language for over twenty years.

Basic IBM Mainframe Assembly Language Programming A thoroughly redesigned and updated version of Murach's best-selling book that makes it easier than ever to learn how to use JCL (Job Control Language) on IBM mainframes. After you learn how to use JCL for the jobs that you run every day, you will learn the advanced JCL skills that let you get the most from your operating system. Along the way, you'll learn how to use general-purpose utilities, the DCAMIS utility for VSAM files, and Unix system services. It's all there in the unique Murach style that has been training professional programmers for more than 25 years.

Encyclopedia of Computer Science and Technology Forget what you think you may know about COBOL. Even though the language is more than 50 years old, COBOL applications still reign in the world of enterprise IT. With billions of transactions executed every day and often running behind the scenes, COBOL systems touch many aspects of our daily lives. Mission: To start a new era of innovation powered by modern tools that bridge COBOL systems to the world of Java and .NET. Brought to you by Micro Focus (www.microfocus.com), the leader in COBOL development tools, this book is written for the COBOL, Java and .NET developer. Key features include: A simplified real-world example to illustrate key concepts; an explanation of the .NET and Java object models for the COBOL developer; an introduction to COBOL for the Java or .NET developer; a complete reference to the new syntax for Visual COBOL; and a free student development tools license integrated within Visual Studio and Eclipse. The author, Paul Kelly, has worked at Micro Focus for over twenty years. He started as a technical author before moving into software development. Paul worked on Visual COBOL for 10 years between 2002 and 2012, initially on Visual Studio development, then later on Eclipse, before changing roles again to work as an architect developing a cloud-based SaaS offering for Micro Focus.

DOS/VSICCL This book gets you off to a fast start by showing you how to use Visual Studio 2015, C# 6.0, and the .NET 4.6 classes to develop Windows Forms applications. Next, it shows you the best techniques for developing object-oriented applications. Then, it shows you how to handle data in a business development using data sources, ADO.NET code, and the Entity Framework for database data and LINQ for data structures like arrays and collections. Along the way, it gives you the core Visual C# and Visual Studio skills that you need to develop any C# application whether for Windows, the web, or mobile devices. In short, no other core C# book teaches you so much, so fast, or so thoroughly.

Teach Yourself COBOL in 21 Days This book was the all-time bestselling VSE JCL book when VSE was more widely used than it is today. Since its publication, VSE has been enhanced, but this book still provides a useful grounding in VSE.

IBM Mainframes This new edition of Murach's classic "CICS Programmer's Desk Reference" is updated throughout to present both the latest versions of CICS and the latest CICS programming practices. An easy-to-use CICS command reference makes up the bulk of the book, and new or expanded material on CICS program design.

COBOL FOR Dummies The 1st choice of professional COBOL programmers because it shows how to design, code, test, and maintain structured COBOL programs on the IBM mainframes (or enterprise systems), this book also presents the IBM products that every mainframe programmer needs to know including TSO, ISPF, OS/390 JCL, VSAM Access Method Services, CICS, and DB2.

The CICS Programmer’s Desk Reference Revised to be a companion/reference to Gary Brown’s System 370/390 JCL, known as the "JCL Bible," it contains a significant amount of actual CICL examples in the context of a single large model application, assumed as each new feature of JCL is introduced. Details the latest enhancements from IBM including MVS/ESA and SMS. Demonstrates debugging techniques through JCL. Illustrations are in TSO/ISPF with JCL as to make the book’s screen examples look exactly like those seen on a computer.

Cobol Programming The 8th Edition of System Analysis and Design continues to offer a hands-on approach to SAD while focusing on the core set of skills that all analysts must possess. Building on their expert experience as systems analysts and IS development specialists, authors Dennis M. Zimdahl and John P. McFall capture the experience of developing and analyzing systems in a way that students can understand and apply. With Systems Analysis and Design, 6th Edition, students will leave the course with experience that is a rich foundation for further work as a systems analyst.

OS/390 and z/OS JCL MVS is IBM's strategic mainframe operating system, used in major enterprises throughout the world. MVS Systems Programming provides an overview of the specialist skills and knowledge that systems programmers require, as well as serving as a practical guide to their fundamental tasks. Although designed primarily as a readable introduction to the subject, the breadth of detailed information included in this book could only be acquired by years of 'on the job' experience. It will therefore also be a valuable reference source for practicing systems programmers and for associated staff who need to know the basic elements of MVS systems administration, and the implementation of an MVS system, and the essential IBM systems software is covered, from installation through to maintenance, problem diagnosis, and disaster recovery, complete with practical information in every area.

The Rexx Language on TSO The second part of IMS for the COBOL Programmer is for MVS programmers only. It teaches you how to handle online programs that access IMS databases and run under the data communications (DC) component of IMS. This book also covers Message Format Service (MFS). MFS acts as an interface between the format of messages at a terminal and the I/O formats in your programs. So you'll learn how to use MFS to create formatted screens that are easy for operators to use. And you'll learn what tasks you can handle through MFS instead of having to code for them in your DC programs.

Beginning COBOL for Programmers The REXX programming language includes built-in functions that simplify programming. REXX Functions let you manipulate data strings or do mathematics simply with a minimum of programming effort. This book explains 72 REXX functions that you can use in your REXX programs. This book is about TSO REXX functions, but we have included a few that work in CMS only. A function is a built-in feature of the REXX language. Functions are always available to you when you are writing your program. They provide an easy way to manipulate data strings or to perform arithmetic on numbers. Using functions simplifies programming and provides reliability, because the functions were created and tested by the software manufacturer (IBM). The index is not like most indexes that list only language features alphabetically. They are no help if you don't know the name of the language feature. This index shows the common English language name for a feature, for example, "Convert decimal number" points you to the equivalent decimal. You don't have to know that D2C means "Convert decimal number to character" in order to use the index. The examples are simple and clear and will show you the different ways to invoke, or use REXX functions in a REXX program. To aid you in finding the function that you need, one chapter is devoted to listing the functions, classified by what they do. Each of the built-in functions is shown in examples with use of the function. The examples are shown alphabetically. As a bonus, I've included several supplementary chapters to make life easier for the REXX programmer: 1. How to write REXX macros. 2. Compatibility issues across platforms. 3. Precedence of Operators. What REXX processes first, in complex expressions?4. How to execute TSO Commands, in Native Mode (Ready Mode) TSO, in ISPF Option 6, on the command line on ISPF panels, and in batch. 5. How to specify Dataset names in TSO commands. An explanation of TSO naming conventions. 6. Finally, the TSO commands that you are likely to use in your REXX programs, arranged by their function, with clear and simple examples.

MVS TSO This book gets you off to a fast start by showing real world Visual Basic 2015 applications.

Murach's CICS for the COBOL Programmer Marketshare for DB2 has been growing steadily over the past 5 years and with the announcement of DB2 Universal Database V8 (7-RU), the product has never had more momentum. DB2 now about 30 percent of the database market-the same as Oracle. Not only is the product used in many Fortune 500 companies, but it is becoming very popular in small to medium sized businesses as well. This book provides the reader with a comprehensive reference and research tool for DB2 for the mainframe. Official material is awkwardly written, spans over a dozen manuals in PDF format, and lacks real-world guidance. Author, Craig Mullins, consistently hears from readers of past editions that they rely on this book as their primary reference for DB2. Craig Mullins is constantly being asked when it will support its new release. Copyright code: d187345932ed3989526a402472734