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focusing strictly on teaching free format rpg programming methods this book will help programmers wishing to upgrade their skills this how to guide offers a concise and thorough introduction to the increased productivity better readability and easier program maintenance that comes with the free format style of programming in rpg iv although free format information is available in ibm manuals it is not separated from everything else requiring hours of tedious research to track down the information needed this book provides everything you need to know to write rpg iv in the free format style author jim martin not only teaches rules and syntax but also explains how this modern style of coding has the potential to improve overall programmer productivity from initial development through maintenance he methodically covers the many style issues such as named indicators and built in functions and addresses topics including input and output program flow data manipulation math operations prototyping and apis this third edition is updated to v7 1 of the ibm i operating system on ibm power machines an added chapter explains the new free format h f d and p specifications introduced by ibm in technology refresh 7 and programming examples throughout the book are updated to reflect the new specifications

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the new edition of this award winning textbook contains 14 information packed chapters each with practical programming assignments it begins with an overview for programmers new to the field to ensure that they have the essential building blocks they need the author builds on these in succeeding chapters giving students a thorough understanding of how to use rpg 400 efficiently in a variety of applications heavy emphasis is placed on top down structured programming in a new chapter and a new appendix dr yaeger provides a transition from rpg 400 to rpg iv you find out about the features of rpg 400 that will not work with the ile rpg 400 compiler and the features that may be used but aren t required

this new textbook by bestselling author dr judy yaeger introduces you to the latest techniques and features of the new rpg for the integrated language environment rpg iv you ll learn all the essential features of rpg iv including specifications free form expressions operations and built in functions

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introduction background and technical foundations user aspects elements of procedural programming languages

covering all areas of rpg programming this book goes beyond explaining the differences between rpg iii and rpg iv the authors provide practical application examples to illustrate rpg iv s new capabilities new

features and functions include new specifications date time timestamp and pointer data types built in functions free form expressions new keywords and new operations examples also show how to improve programming efficiency in rpg iv rpg iv by example focuses on application situations familiar to experienced programmers rpg iv by example is an invaluable coach for any rpg programmer at any experience level longtime programmers will find out how rpg iv lets you continue to take advantage of tried and true methods while adopting important timesaving capabilities rpg newcomers will learn from examples how to create rpg iv applications the emphasis is on practical solutions that programmers need every day the authors integrate this information into 15 chapters featuring discussions of data definition database file processing arithmetic and move operations indicator functions structured programming array and table processing pointer functions and ile and non ile program calls

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