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Oracle Database 10g PL/SQL Programming Java WebSocket Programming Oracle Database 12c PL/SQL Programming Oracle Database 11g PL/SQL Programming Java Programming Core Java Volume I--Fundamentals Expert Oracle PL/SQL Oracle Database 11g PL/SQL Programming Workbook Oracle Database 10g Express Edition PHP Web Programming Raspberry Pi with Java: Programming the Internet of Things (IoT) (Oracle Press) Oracle PL/SQL Programming Oracle Database 12c PL/SQL Advanced Programming Techniques Oracle Database Ajax & PHP Web Application Development BEG ORACLE PRO, Oracle Database 11G Pl/Sql Programming Oracle Database 11g & MySQL 5.6 Developer Handbook Mastering Lambdas Introducing JavaFX 8 Programming Oracle JDeveloper 10g for Forms & PL/SQL Developers: A Guide to Web Development with Oracle ADF MySQL Workbench: Data Modeling & Development Oracle9i PL/SQL Programming Oracle9i JDBC Programming Oracle Embedded Programming and Application Development Oracle Database 10g The Complete Reference Oracle Database Programming using Java and Web Services Oracle9i PL/SQL Programming Oracle Essentials Oracle Database 12c SQL Oracle Database Programming with Java Oracle PL/SQL Best Practices Oracle Database 10g SQL Oracle Database 12c SQL Oracle 9i SQLJ Programming Effective Oracle by Design Oracle Built-in Packages Oracle and PL/SQL Recipes Java EE and HTML5 Enterprise Application Development Oracle Essentials Oracle Database 11g & MySQL 5.6 Developer Handbook Java SE8 for the Really Impatient

This book is for you if you: Want to be either an Oracle administrator or developer; Need a tutorial that takes you from no knowledge to mastery of the Oracle database; Understand the underlying concepts behind relational databases; Have experience of basic SQL. What you will learn from this book: By the time you have completed this book, you will have all the knowledge you need to use Oracle databases with confidence. We will cover: Core Oracle terminology, tools, concepts, and architecture; The functionality of the different versions and editions of Oracle (8, 8i, and 9i); Basic and advanced Oracle SQL; Mastering SQL*Plus as an Oracle development tool; Understanding tables, indexes, transactions and concurrency, views, triggers, and objects; Using PL/SQL to write and package procedural code in the database; Securing your Oracle applications; Evaluating performance and tuning your Oracle application; A SQL Toolkit of useful scripts that you can use in your database; Case studies that apply this knowledge to create two practical Oracle applications This volume will take you from novice to master, covering not only how to use SQL but also the Oracle extensions to SQL. The examples feature the sample schemas available with Oracle Database 10g, and free code will be available for download. Develop cross-platform, feature-rich JavaFX GUI applications with expert instruction from Java guru Herb Schildt Introducing JavaFX 8 Programming provides a fast-paced introduction to JavaFX, Java's next-generation GUI programming tool In this easy-to-read guide from Oracle Press, Java guru Herb Schildt presents the key topics and concepts that all Java developers will need to begin developing modern, dynamic JavaFX GUI applications. Of course, it's written in the cohesive, yet concise format that has made Schildt an international best-selling programming author. Designed expressly for Java programmers, the book's focus is on the new JavaFX API. As a result, all examples are written entirely in Java. The book begins with the fundamentals, including the general form of a JavaFX program. Readers then advance to event handling, controls, images, fonts, layers, effects, transforms, animations (including 3D animations), menus, and more. Numerous complete examples are included that put key topics and techniques into action. Presents a cohesive, fast-paced overview of key facets of JavaFX 8 programming Sample code used in the text is available for download from the McGraw-Hill/Oracle Press Web site Written in Herb Schildt's clear, crisp, uncompromising style that has made him the choice of millions worldwide An updated handbook encompasses information on the new features of Oracle9i in regard to SQL program development, basic SQL programming, developing SQLJ stored programs and triggers, advanced SQLJ, and object-relational processing using SQLJ, with case studies that demonstrate the practical, real-world applications of SQLJ. Original. (Intermediate/Advanced) Design Feature-Rich PL/SQL Applications Deliver dynamic, client/server PL/SQL applications with expert guidance from an Oracle programming professional. With full coverage of the latest features and tools, Oracle Database 11g PL/SQL Programming lays out each topic alongside detailed explanations, cut-and-paste syntax examples, and real-world case studies. Access and modify database information, construct powerful PL/SQL statements, execute effective queries, and deploy bulletproof security. You'll also learn how to implement C, C++, and Java procedures, Web-enable your database, cut development time, and optimize performance. Create, debug, and manage Oracle-driven PL/SQL programs Use PL/SQL structures, delimiters, operators, variables, and statements Identify and eliminate errors using PLSQL_WARNINGS and exception handlers Work with functions, procedures, packages, collections, and triggers Define and deploy varray, nested table, and associative array data types Handle external routines, object types, large objects, and secure files Communicate between parallel sessions using DBMS_ALERT and DBMS_PIPE Call external procedures through Oracle Net Services and PL/SQL wrappers Integrate internal and server-side Java class libraries using Oracle JVM Develop robust Web applications using PL/SQL Gateway and Web Toolkit Written by experienced Oracle insiders, this essential guide distills a vast amount of information into an easy-to-read volume that covers every aspect of the Oracle database. Readers of all technical levels will learn about Oracle's features and technologies, including the product line, architecture, data structures, networking, concurrency, tuning and much more. Augmented with illustrations and helpful hints, the fifth edition of Oracle Essentials offers a valuable one-stop overview of Oracle Database 12c, Oracle's newest database release. More comprehensible than huge complete references, and more detailed than most primers, this book gives current Oracle users the conceptual background they need to understand how the Oracle database truly works. For those new to Oracle, this all-in-one guide provides an essential introduction that will get them up to speed. Experienced PL/SQL programmers and Oracle developers will learn to master Oracle's procedural extension to industry-standard SQL. Using this authoritative resource, readers will become experts at developing robust, high-performance enterprise applications with PL/SQL. Detailed examples describe the practical aspect of each feature, and provide ideas to the reader of how they can best exploit the functionality. The #1 Guide for Serious Programmers: Fully Updated for Java SE 9, 10 & 11 Cay Horstmann's Core Java, Volume I—Fundamentals, Eleventh Edition, is the definitive guide to writing robust, maintainable code with the Java SE 9, 10, and 11 language and libraries. Horstmann writes for serious programmers who use Java in production projects, and need a deep, practical understanding of the language and API. Throughout, he delivers what you need most: hundreds of real (non-toy) examples revealing the most powerful, effective ways to get the job done. Updated examples reflect the new var keyword and take advantage of improvements in the Java API. You'll learn how to use JShell's new Read-Eval-Print Loop (REPL) for more rapid and exploratory development, and apply new features of the APIs for streams, input/output, processes, and concurrency. In this first of two volumes, Horstmann offers in-depth coverage of fundamental Java and UI programming, including object-oriented programming, generics, collections, lambda expressions, Swing design, concurrency, and functional programming. If you're an experienced programmer moving to Java SE 9, 10, or 11, there's no better source for expert insight, solutions, and code. Master foundational techniques, idioms, and best practices for writing superior Java code Efficiently implement encapsulation and inheritance Use sound principles of object-oriented design Leverage the full power of objects with interfaces, lambda expressions, and inner classes Harden programs through effective exception handling and debugging Write safer, more reusable code with generic programming Improve performance and efficiency with Java's standard collections Build cross-platform GUIs with the Swing toolkit Fully utilize multicore

processors with Java's improved concurrency See *Core Java, Volume II—Advanced Features, Eleventh Edition* (ISBN-13: 978-0-13-516631-4), for expert coverage of Java 9, 10, and 11 enterprise features, the module system, annotations, networking, security, and advanced UI programming. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details. Take Your PL/SQL Programming Skills to the Next Level Build robust database-centric PL/SQL applications quickly and effectively. Oracle Database 12c PL/SQL Advanced Programming Techniques shows you how to write and deploy Java libraries inside Oracle Database 12c, use the `utl_file` and `DBMS_SCHEDULER` packages, and create external tables and external procedures. Application security, performance tuning, and Oracle Database In-Memory are also covered in this Oracle Press guide. Configure, deploy, and troubleshoot Java libraries for Oracle object types Use the `utl_file` package to manage unstructured and structured data Develop and deploy Java I/O libraries and wrap them with PL/SQL Create and use external tables Implement high-speed data transfer Harden database systems and develop secure applications Manage complex schedules and jobs with the `DBMS_SCHEDULER` package Optimize PL/SQL for use in performance tuning Create and deploy external procedures Implement the Oracle Database In-Memory column store feature Develop Web applications for Oracle database by using PHP and the detailed information in this comprehensive guide. You'll learn how to define data types, functions, and arrays, as well as how to write enterprise applications for the internet and e-commerce applications.--[book cover]. A complete reference to the accelerated programming tools built into the PL/SQL language, including those new to Oracle 8, is paired with a diskette providing easy access to the source code and document files developed by the authors. Original. (Advanced). Use Raspberry Pi with Java to create innovative devices that power the internet of things! *Raspberry Pi with Java: Programming the Internet of Things (IoT)* fills an important gap in knowledge between seasoned Java developers and embedded-hardware gurus, taking a project-based approach to skills development from which both hobbyists and professionals can learn. By starting with simple projects based on open-source libraries such as Pi4J, hobbyists can get immediate results without a significant investment in time or hardware. Later projects target simplified industrial use cases where professionals can start to apply their skills to practical problems in the fields of home automation, healthcare, and robotics. This progression prepares you to be an active participant in the IoT revolution that is reshaping our lives. For the hobbyist: Hardware used in projects is affordable and easily accessible Follows a project-based learning approach with a gradual learning curve Projects are based on open-source code repositories with commercial friendly licenses For the professional computer engineer: Uses an industry-standard platform that allows for high performance, secure, production-ready applications Introduces Java SE Embedded for large devices and Java ME Embedded for small devices Code is portable to a wide variety of ARM and MIPS based platforms Provides practical skill development with advanced projects in the fields of home automation, healthcare, and robotics Written by Oracle insiders, this indispensable guide distills an enormous amount of information about the Oracle Database into one compact volume. Ideal for novice and experienced DBAs, developers, managers, and users, *Oracle Essentials* walks you through technologies and features in Oracle's product line, including its architecture, data structures, networking, concurrency, and tuning. Complete with illustrations and helpful hints, this fifth edition provides a valuable one-stop overview of Oracle Database 12c, including an introduction to Oracle and cloud computing. Oracle Essentials provides the conceptual background you need to understand how Oracle truly works. Topics include: A complete overview of Oracle databases and data stores, and Fusion Middleware products and features Core concepts and structures in Oracle's architecture, including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management, including Oracle Enterprise Manager 12c Security options, basic auditing capabilities, and options for meeting compliance needs Performance characteristics of disk, memory, and CPU tuning Basic principles of multiuser concurrency Oracle's online transaction processing (OLTP) Data warehouses, Big Data, and Oracle's business intelligence tools Backup and recovery, and high availability and failover solutions From the authorized Oracle Press comes a complete guide to developing robust PL/SQL applications. The book contains new information on development tools, datatypes, SQL commands and functions, and much more. The CD-ROM contains sample code plus a sampling of development environments covered in the book. *Master Application Development in a Mixed-Platform Environment* Build powerful database applications in a mixed environment using the detailed information in this Oracle Press guide. *Oracle Database 11g & MySQL 5.6 Developer Handbook* lays out programming strategies and best practices for seamlessly operating between the two platforms. Find out how to migrate databases, port SQL dialects, work with Oracle MySQL databases, and configure effective queries. Security, monitoring, and tuning techniques are also covered in this comprehensive volume. Understand Oracle Database 11g and MySQL 5.6 architecture Convert databases between platforms and ensure transactional integrity Create tables, sequences, indexes, views, and user accounts Build and debug PL/SQL, SQL*Plus, SQL/PSM, and MySQL Monitor scripts Execute complex queries and handle numeric and date mathematics Merge data from source tables and set up virtual directories Tom Kyte of Oracle Magazine's "Ask Tom" column has written the definitive guide to designing and building high-performance, scalable Oracle applications. The book covers schema design, SQL and PL/SQL, tables and indexes, and much more. From the exclusive publisher of Oracle Press books, this is a must-have resource for all Oracle developers and DBAs. *Master Application Development in a Mixed-Platform Environment* Build powerful database applications in a mixed environment using the detailed information in this Oracle Press guide. *Oracle Database 11g & MySQL 5.6 Developer Handbook* lays out programming strategies and best practices for seamlessly operating between the two platforms. Find out how to migrate databases, port SQL dialects, work with Oracle MySQL databases, and configure effective queries. Security, monitoring, and tuning techniques are also covered in this comprehensive volume. Understand Oracle Database 11g and MySQL 5.6 architecture Convert databases between platforms and ensure transactional integrity Create tables, sequences, indexes, views, and user accounts Build and debug PL/SQL, SQL*Plus, SQL/PSM, and MySQL Monitor scripts Execute complex queries and handle numeric and date mathematics Merge data from source tables and set up virtual directories *Master Application Development with Java WebSocket* Build dynamic enterprise Web applications that fully leverage state-of-the-art communication technologies. Written by the leading expert on Java WebSocket programming, this Oracle Press guide offers practical development strategies and detailed example applications. *Java WebSocket Programming* explains how to design client/server applications, incorporate full-duplex messaging, establish connections, create endpoints, handle path mapping, and secure data. You'll also learn how to encrypt Web transmissions and enrich legacy applications with Java WebSocket. Develop Web applications using the Java WebSocket API Create and publish annotated and programmatic endpoints Manage the lifecycle events of WebSocket endpoints Maintain reliable connections across the endpoint lifecycle Manage synchronous and asynchronous messaging Define encoding and decoding strategies for complex messaging Configure message timeouts, size limits, and exceptions Map message paths and route incoming URIs to Web containers Secure data, authenticate users, and encrypt connections Explains how to utilize JDBC (Java Database Connectivity) programs with Oracle 8i and Oracle 9i databases, describing Oracle extensions to JDBC, offering an overview of JDeveloper, introducing Oracle 9iAS Containers for Java, and providing a valuable overview of Oracle Java Tools and Java and Oracle Type Mappings. Original. (Advanced) *Oracle PL/SQL Recipes* is your go to book for PL/SQL programming solutions. It takes a task-oriented approach to PL/SQL programming that lets you quickly look up a specific task and see the pattern for a solution. Then it's as simple as modifying the pattern for your specific application and implementing it. And you're done and home for dinner. *Oracle PL/SQL Recipes* is another in Apress' ongoing series of recipe books aimed at Oracle practitioners. The recipe format is ideal for the busy professional who just needs to get the job done. Covers the most common PL/SQL programming problems Presents solutions in ready-to-use format Stays short and to-the-point Focusing on tried and true best practice techniques in cross-technology based Oracle embedded programming, this book provides authoritative guidance for improving your code compilation and execution. Geared towards IT professionals developing Oracle-based Web-enabled applications in PL/SQL, Java, C, C++, .NET, Perl, and PHP, it covers application development from concepts to customization, following a pragmatic approach to design, coding, testing, deployment, and customization—explaining how to maximize embedded programming practices. *Oracle Embedded Programming and Application Development* explains application development frameworks using 3GL and 4GL high-level language code as embedded code segments across .NET, Java, and Open Source technologies, in conjunction with SQL and/or PL/SQL and the Oracle

RDBMS through version 11gR2. It also: Features pluggable code using parameterized constructs to promote code reuse Explains when to use a particular embedded language as a best fit for specific applications Highlights design considerations that reduce the probability of errors, enable quick resolution, and boost performance in terms of enabling a Fast-Actionable-Synchronized-Tested (FAST) solution implementation Provides best practice techniques that can enhance any application development code-design methodology for a better, easier, faster, cheaper, and pervasive solution that in turn helps achieve a Better Business Benefit (B-B-B) This practical guide details techniques for constructing architecture and code design methodologies for live application development projects that can be generalized and standardized as application development and code design frameworks. Cover to cover, the text provides an understanding of how the designed, developed, and deployed solutions conform to emerging and next-generation trends. It also discusses the conformance and usage of Web 2.0-based RIA functionality and regulatory compliance practices involving auditing and security. Praise for: "Taking an Oracle-centric approach, Lakshman skillfully guides you through the maze of various popular programming languages and environments including .NET, C/C++, Perl, PHP, Java, and even SQL and PL/SQL – not only showing you how they interact with Oracle but also which language is the best fit for a given situation." —John Kanagaraj, Executive Editor, IOUG SELECT Journal Ramp Up Your PL/SQL Programming Skills Master PL/SQL through the hands-on exercises, extensive examples, and real-world projects inside this Oracle Press guide. Filled with best practices, Oracle Database 11g PL/SQL Programming Workbook covers all the latest features and enhancements of the language. Mastery checks at the end of each chapter reinforce the material covered, and sample code from the book is available for download. Even experienced Oracle professionals will benefit from this practical resource. Understand the Oracle development architecture and the mechanics of connections Work with data types, structures, blocks, cursors, and PL/SQL semantics Write, deploy, and use functions, procedures, and packages Manage transactions and more Use dynamic SQL statements in real-world applications Support online transaction processing and data warehousing applications with external tables Find syntax samples and best practices to solve problems Write, deploy, and use object types For a complete list of Oracle Press titles, visit www.OraclePressBooks.com A guide to creating client/server applications using PL/SQL covers such topics as recovering errors, using intersession communication, managing large data sets, and working with Oracle Net Services. Design and Deploy Highly Responsive Data-Driven Web 2.0 Applications Deliver next-generation user capabilities and client-side services in your Oracle-based Web applications by combining the powerful features of AJAX and PHP. Written by Web 2.0 programming experts, Oracle Database AJAX & PHP Web Application Development shows you how to design faster, lighter, more responsive Web applications while reducing code support and creation time. You'll learn how to develop modular AJAX and PHP code, add dynamically updated content, and implement click-to-edit and drag-and-drop functionality. You'll also get details on incorporating cutting-edge mashup, reporting, and communication features. Build robust Web applications that utilize the latest AJAX, PHP, and modularity techniques Construct AJAX and PHP objects, controllers, iframes, and models Simplify programming with reusable modules, open-source libraries, and templates Optimize scalability, availability, performance, and security Auto-refresh Web pages and execute XML calls using the HttpRequest object Add HTML drill-down tables, DOM drag-and-drop, and click-to-edit features Retrieve data from external sources using Remote Procedure Calls and Pear-based services Solve browser navigation button, bookmarking, and history tracking issues Allow end users to customize Web pages using tracking, JSON, and mashups Facilitate client-side communication with VOIP, IM, targeted reporting, and file sharing Eagerly anticipated by millions of programmers, Java SE 8 is the most important Java update in many years. The addition of lambda expressions (closures) and streams represents the biggest change to Java programming since the introduction of generics and annotations. Now, with Java SE 8 for the Really Impatient, internationally renowned Java author Cay S. Horstmann concisely introduces Java 8's most valuable new features (plus a few Java 7 innovations that haven't gotten the attention they deserve). If you're an experienced Java programmer, Horstmann's practical insights and sample code will help you quickly take advantage of these and other Java language and platform improvements. This indispensable guide includes Coverage of using lambda expressions (closures) to write computation "snippets" that can be passed to utility functions The brand-new streams API that makes Java collections far more flexible and efficient Major updates to concurrent programming that make use of lambda expressions (filter/map/reduce) and that provide dramatic performance improvements for shared counters and hash tables A full chapter with advice on how you can put lambda expressions to work in your own programs Coverage of the long-awaited introduction of a well-designed date/time/calendar library (JSR 310) A concise introduction to JavaFX, which is positioned to replace Swing GUIs, and to the Nashorn Javascript engine A thorough discussion of many small library changes that make Java programming more productive and enjoyable This is the first title to cover all of these highly anticipated improvements and is invaluable for anyone who wants to write tomorrow's most robust, efficient, and secure Java code. The only Oracle Press guide to MySQL Workbench explains how to design and model MySQL databases. MySQL Workbench Data Modeling and Development helps developers learn how to effectively use this powerful product for database modeling, reverse engineering, and interaction with the database without writing SQL statements. MySQL Workbench is a graphical user interface that can be used to create and maintain MySQL databases without coding. The book covers the interface and explains how to accomplish each step by illustrating best practices visually. Clear examples, instructions, and explanations reveal, in a single volume, the art of database modeling. This Oracle Press guide shows you how to get the tool to do what you want. Annotated screen shots demonstrate all interactions with the tool, and text explains the how, what, and why of each step. Complete coverage Installation and Configuration; Creating and Managing Connections; Data Modeling Concepts; Creating an ERD; Defining the Physical Schemata; Creating and Managing Tables; Creating and Managing Relationships; Creating and Managing Views; Creating and Managing Routines; Creating and Managing Routine Groups; Creating and Managing User & Groups; Creating and Managing SQL Scripts; Generating SQL Scripts; Forward Engineering a Data Model; Synchronize a Model with a Database; Reverse Engineering a Database; Managing Differences in the Data Catalog; Creating and Managing Model Notes; Editing Table Data; Editing Generated Scripts; Creating New Instances; Managing Import and Export; Managing Security; Managing Server Instances From the authorized Oracle Press comes a complete guide to developing robust PL/SQL applications. The book contains new information on development tools, datatypes, SQL commands and functions, and much more. The CD-ROM contains sample code plus a sampling of development environments covered in the book. Completely up-to-date for the new database release, this Oracle Press guide explains how to write robust, database-driven PL/SQL applications. Full details on the PL/SQL language, scripting semantics, and syntax are included. Learn how to write powerful programs, interact with Oracle databases, perform complex calculations, and handle error conditions. It also features a real-world example that runs throughout the book to illustrate the programming techniques presented. The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products. An internationally renowned consultant and trainer for Sun Microsystems provides instruction and guidance for expert-level programming in Java 7 through hands-on programming exercises and examples, including multi-lingual, JavaScript and Java FX support. Original. The traditional division of labor between the database (which only stores and manages SQL and XML data for fast, easy data search and retrieval) and the application server (which runs application or business logic, and presentation logic) is obsolete. Although the book's primary focus is on programming the Oracle Database, the concepts and techniques provided apply to most RDBMS that support Java including Oracle, DB2, Sybase, MySQL, and PostgreSQL. This is the first book to cover new Java, JDBC, SQLJ, JPublisher and Web Services features in Oracle Database 10g Release 2 (the coverage starts with Oracle 9i Release 2). This book is a must-read for database developers audience (DBAs, database applications developers, data architects), Java developers (JDBC, SQLJ, J2EE, and OR Mapping frameworks), and to the emerging Web Services assemblers. Describes pragmatic solutions, advanced database applications, as well as provision of a wealth of code samples. Addresses programming models which run within the database as well as programming models which run in middle-tier or client-tier against the database. Discusses languages for stored procedures: when to use proprietary languages such as PL/SQL and when to use standard languages such as Java; also running non-Java scripting languages in the database. Describes the Java runtime in the Oracle database 10g (i.e., OracleJVM), its architecture, memory management, security management, threading, Java execution, the Native Compiler (i.e., NCOMP), how to make Java known to SQL and

PL/SQL, data types mapping, how to call-out to external Web components, EJB components, ERP frameworks, and external databases. Describes JDBC programming and the new Oracle JDBC 10g features, its advanced connection services (pooling, failover, load-balancing, and the fast database event notification mechanism) for clustered databases (RAC) in Grid environments. Describes SQLJ programming and the latest Oracle SQLJ 10g features, contrasting it with JDBC. Describes the latest Database Web services features, Web services concepts and Services Oriented Architecture (SOA) for DBA, the database as Web services provider and the database as Web services consumer. Abridged coverage of JPublisher 10g, a versatile complement to JDBC, SQLJ and Database Web Services. Explains how to write powerful SQL statements and PL/SQL programs using Oracle Database 12c. Original. In this compact book, Steven Feuerstein, widely recognized as one of the world's leading experts on the Oracle PL/SQL language, distills his many years of programming, teaching, and writing about PL/SQL into a set of best practices-recommendations for developing successful applications. Covering the latest Oracle release, Oracle Database 11gR2, Feuerstein has rewritten this new edition in the style of his bestselling Oracle PL/SQL Programming. The text is organized in a problem/solution format, and chronicles the programming exploits of developers at a mythical company called My Flimsy Excuse, Inc., as they write code, make mistakes, and learn from those mistakes-and each other. This book offers practical answers to some of the hardest questions faced by PL/SQL developers, including: What is the best way to write the SQL logic in my application code? How should I write my packages so they can be leveraged by my entire team of developers? How can I make sure that all my team's programs handle and record errors consistently? Oracle PL/SQL Best Practices summarizes PL/SQL best practices in nine major categories: overall PL/SQL application development; programming standards; program testing, tracing, and debugging; variables and data structures; control logic; error handling; the use of SQL in PL/SQL; building procedures, functions, packages, and triggers; and overall program performance. This book is a concise and entertaining guide that PL/SQL developers will turn to again and again as they seek out ways to write higher quality code and more successful applications. "This book presents ideas that make the difference between a successful project and one that never gets off the ground. It goes beyond just listing a set of rules, and provides realistic scenarios that help the reader understand where the rules come from. This book should be required reading for any team of Oracle database professionals." --Dwayne King, President, KRIDAN Consulting Master Oracle Database 12c PL/SQL Application Development Develop, debug, and administer robust database programs. Filled with detailed examples and expert strategies from an Oracle ACE, Oracle Database 12c PL/SQL Programming explains how to retrieve and process data, write PL/SQL statements, execute effective queries, incorporate PHP and Java, and work with dynamic SQL. Code testing, security, and object-oriented programming techniques are fully covered in this comprehensive Oracle Press guide. Explore new SQL and PL/SQL features in Oracle Database 12c Build control structures, cursors, and loop statements Work with collections, varrays, tables, and associative array collections Locate and repair errors and employ exception handlers Execute black box, white box, and integration tests Configure and manage stored packages and libraries Handle security with authentication and encryption Use LOBs to store text and multimedia content Write and implement PL/SQL and Java triggers Extend functionality using dynamic SQL statements Understand object types, nested tables, and unnesting queries Create Next-Generation Enterprise Applications Build and distribute business web applications that target both desktop and mobile devices. Cowritten by Java EE and NetBeans IDE experts, Java EE and HTML5 Enterprise Application Development fully explains cutting-edge, highly responsive design tools and strategies. Find out how to navigate NetBeans IDE, construct HTML5 programs, employ JavaScript APIs, integrate CSS and WebSockets, and handle security. This Oracle Press guide also offers practical coverage of SaaS, MVVM, and RESTful concepts. Explore HTML5 and Java EE 7 features Use NetBeans IDE editors, templates, and code generators Implement MVVM functionality with Knockout.js Dynamically map database objects using Java Persistence API Configure, manage, and invoke RESTful Web Services Maximize messaging efficiency through WebSockets Accept and process HTML5 Server-Sent Events streams Employ Syntactically Awesome Stylesheets, CSS3, and Sassy CSS Write Powerful SQL Statements and PL/SQL Programs Learn how to access Oracle databases through SQL statements and construct PL/SQL programs. Oracle Database 12c SQL offers complete coverage of the latest database features and techniques. Find out how to write SQL statements to retrieve and modify database information, use SQL*Plus and SQL Developer, work with database objects, write PL/SQL programs, use performance optimization techniques, incorporate XML, and more. This Oracle Press guide contains everything you need to know to master SQL. Use SQL statements to access an Oracle database Work with SQL*Plus and SQL Developer Write PL/SQL programs Create tables, sequences, indexes, views, and triggers Design advanced queries containing complex calculations Create database objects to handle abstract data Use date, time stamp, and time interval data types Establish user roles and privileges Handle multimedia files using large objects Tune SQL statements to make them execute faster Generate, process, and store XML data Master the very latest Oracle Database 12c features Code examples in the book are available for download. The most efficient way to learn J2EE programming techniques Two Oracle experts demonstrate techniques for working within J2EE and JDeveloper for the thousands of developers currently using Oracle Forms and the PL/SQL language. Oracle is shifting their focus towards Java technologies, so you will need to know how to use the Java-based J2EE and JDeveloper. The book includes explanations of the Application Development Framework (ADF). Throughout, high-level and low-level Forms concepts are related to Java concepts so that you can become comfortable with the new terminology. Covers the new components required when developing and deploying a J2EE application Special mentions in the text describe how JDeveloper techniques translate to PL/SQL or Oracle Forms Covers JDeveloper 10.1.3 and ADF Faces All code and examples will be available online The Definitive Guide to Lambda Expressions Mastering Lambdas: Java Programming in a Multicore World describes how the lambda-related features of Java SE 8 will enable Java to meet the challenges of next-generation parallel hardware architectures. The book explains how to write lambdas, and how to use them in streams and in collection processing, providing code examples throughout. You'll learn how to use lambda expressions to take full advantage of performance improvements provided by today's multicore hardware. This Oracle Press book covers: Why lambdas were needed, and how they will change Java programming Syntax of lambda expressions The basic operation of streams and pipelines Using collectors and reduction to end pipelines Creating streams Spliterators, the fork/join framework, and exceptions Examining stream performance with microbenchmarking API evolution using default methods Databases have become an integral part of modern life. Today's society is an information-driven society, and database technology has a direct impact on all aspects of daily life. Decisions are routinely made by organizations based on the information collected and stored in databases. Database management systems such as Oracle are crucial to apply data in industrial or commercial systems. Equally crucial is a graphical user interface (GUI) to enable users to access and manipulate data in databases. The Apache NetBeans IDE with Java is an ideal candidate for developing a GUI with programming functionality. Oracle Database Programming with Java: Ideas, Designs, and Implementations is written for college students and software programmers who want to develop practical and commercial database programming with Java and relational databases such as Oracle Database XE 18c. The book details practical considerations and applications of database programming with Java and is filled with authentic examples as well as detailed explanations. Advanced topics in Java Web like Java Web Applications and Java Web Services are covered in real project examples to show how to handle the database programming issues in the Apache NetBeans IDE environment. This book features: A real sample database, CSE _ DEPT, which is built with Oracle SQL Developer, provided and used throughout the book Step by step, detailed illustrations and descriptions of how to design and build a practical relational database Fundamental and advanced Java database programming techniques practical to both beginning students and experienced programmers Updated Java desktop and Web database programming techniques, such as Java Enterprise Edition 7, JavaServer Pages, JavaServer Faces, Enterprise Java Beans, Web applications and Web services, including GlassFish and Tomcat Web servers More than 30 real database programming projects with detailed illustrations Actual JDBC APIs and JDBC drivers, along with code explanations Homework and selected solutions for each chapter to strengthen and improve students' learning and understanding of the topics they have studied Get a thorough understanding of Oracle Database 10g from the most comprehensive Oracle database reference on the market, published by Oracle Press. From critical architecture concepts to advanced object-oriented concepts, this powerhouse contains nearly 50 chapters designed to enlighten you. Upgrade from earlier versions, use SQL, SQL Plus, and PL/SQL. Get

code examples and access popular documentation PDFs--plus a full electronic copy of the book on the included CD-ROM. Go beyond the basics and learn security, text searches, external tables, using Java in Oracle, and a great deal more.

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