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program Commenting Codes Chapter 4 Data Types CHARACTER NUMBER BOOLEAN DATE LOB Chapter 5 Complex Data Types Record Type Collection Constructor and Initialization Concept in Collections Collection Methods Chapter 6 Decision Making Statements Introduction to Decision Making Statements IF THEN Statement IF THEN ELSE Statement IF THEN ELSIF Statement NESTED IF Statement CASE Statement SEARCHED CASE Statement Chapter 7 Loops Introduction to Loops Concept Loop Control Statements Types of Loop in PL SQL Nested Loops Labelling of Loops Chapter 8 Subprograms Procedures and Functions Terminologies in PL SQL Subprograms Procedure Function Similarities between Procedure and Function Difference between Procedure and Function Built in Functions in PL SQL Chapter 9 Exception Handling Exception Handling Predefined Exceptions User defined Exception Raising an Exception Important points to note in Exception Chapter 10 SQL DML Transactions in PL SQL CURSOR Concept in PL SQL Cursor Attributes FOR Loop Cursor statement BULK COLLECT in PL SQL TCL Statements in PL SQL Autonomous Transaction Chapter 11 Packages Components of Packages Package Initialization Forward Declarations Overloading Package Information UTL FILE An Overview Chapter 12 Triggers Benefits of Triggers Trigger Classification Trigger Creation NEW and OLD Clause INSTEAD OF Trigger Compound Trigger Chapter 13 Object Types Components of Object Types Creation of Objects Declaration Initialization of Object Type Constructors Inheritance in Object Type Equality of PL SQL Objects Chapter 14 Dynamic SQL Ways to write dynamic SQL NDS DBMS_SQL for Dynamic SQL Chapter 15 Nested Blocks Nested Block Structure Scopes in Nested Block Chapter 16 Identifiers Properties of Identifiers Naming Conventions of Identifiers Variables An Identifier Declaration of Variables Data storing in Variables   **JavaFX A Beginners Guide** J. F. DiMarzio,2011-02-05 Essential Skills Made Easy Create immersive interactive environments for any platform JavaFX A Beginner s Guide starts by explaining the technology behind JavaFX and quickly moves on to installing the JavaFX development environment and tools including the JavaFX SDK the Java SE JDK and NetBeans Then you ll learn how to develop desktop browser and mobile applications with ease The book covers effects and transformations animation events and Swing components Techniques for creating custom modes embedding video and music using JavaFX layouts and styling with CSS are also discussed Get started using JavaFX right away with help from this fast paced tutorial Designed for Easy Learning Key Skills Concepts Chapter opening lists of specific skills covered in the chapter Ask the Expert Q A sections filled with bonus information and helpful tips Try This Hands on exercises that show you how to apply your skills Notes Extra information related to the topic being covered Tips Helpful reminders or alternate ways of doing things Annotated Syntax Example code with commentary that describes the programming techniques being illustrated   **Subject Guide to Books in Print** ,1991   *Oracle8i SQLJ Programming* Nirva Morisseau-Leroy,Martin K. Solomon,Gerald P. Momplaisir,1999-12-02 Learn how to implement SQLJ the new standard for embedding static SQL directly into Java programs   **Expert PL/SQL Practices** Michael Rosenblum,Dominic Delmolino,Lewis Cunningham,Riyaj Shamsudeen,Connor McDonald,Melanie Caffrey,Sue Harper,Torben Holm,Robyn Sands,John Beresniewicz,Ron Crisco,Martin

Bchi,Adrian Billington,Stephan Petit,Arup Nanda,2011-07-26 Expert PL SQL Practices is a book of collected wisdom on PL SQL programming from some of the best and the brightest in the field Each chapter is a deep dive into a specific problem technology or feature set that you ll face as a PL SQL programmer Each author has chosen their topic out of the strong belief that what they share can make a positive difference in the quality and scalability of code that you write The path to mastery begins with syntax and the mechanics of writing statements to make things happen If you ve reached that point with PL SQL then let the authors of Expert PL SQL Practices show you how to combine syntax and mechanics with features and techniques to really make the language sing You ll learn to do more with less effort to write code that scales and performs well and to eliminate and avoid defects These authors are passionate about PL SQL and the power it places at your disposal They want you to succeed to know all that PL SQL can offer Let Expert PL SQL Practices open your eyes to the full power of Oracle s world class language for the database engine Goes beyond the manual to cover good techniques and best practices Delivers knowledge usually gained only by hard experience Covers the functionality that distinguishes PL SQL as a powerful and scalable programming language for deploying logic inside the database engine **Oracle Database 11g Release 2 Performance Tuning Tips & Techniques** Richard Niemiec,2012-03-22 Implement Proven Database Optimization Solutions Systematically identify and eliminate database performance problems with help from Oracle Certified Master Richard Niemiec Filled with real world case studies and best practices Oracle Database 11g Release 2 Performance Tuning Tips Techniques details the latest monitoring troubleshooting and optimization methods Find out how to find and fix bottlenecks configure storage devices execute effective queries and develop bug free SQL and PL SQL code Testing reporting and security enhancements are also covered in this Oracle Press guide Properly index and partition Oracle Database 11g Release 2 Work with Oracle Exadata and Oracle Exalogic Elastic Cloud Efficiently manage disk drives RAID arrays and memory Tune queries with Oracle SQL hints and the TRACE utility Troubleshoot databases using V views and X tables Distribute workload using Oracle Real Application Testing Generate reports using Oracle s Statspack and Automatic Workload Repository tools Use sar vmstat and iostat to monitor system statistics This is a timely update of Rich s classic book on Oracle Database performance tuning to cover hot new topics like Oracle Database 11g Release 2 and Oracle Exadata This is a must have for DBAs moving to these new products Andrew Mendelsohn Senior Vice President Oracle Database Server Technologies *Database Processing* David Kroenke,2006 Revised to reflect the needs of today s users this 10 th edition ofDatabase Processingassures that you will learn marketable skills By presenting SQL SELECT statements near the beginning of the book readers will know early on how to query data and obtain resultsseeing firsthand some of the ways that database technology is useful in the marketplace By utilizing free software downloads you will be able to actively use a DBMS product by the end of the 2 nd chapter Each topic appears in the context of accomplishing practical tasks Its spiral approach to database design incorporating all 3 sources from the integration of existing data from new information and the need to

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