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guide Follow a request driven nine step process to identify and address performance problems in web applications Use performance related database tools including data dictionary views logging tracing PL SQL Hierarchical Profiler PL Scope and RUNSTATS Instrument code to pinpoint performance issues using call stack APIs error stack APIs and timing markers Embed PL SQL in SQL and manage user defined functions Embed SQL in PL SQL using a set based approach to handle large volumes of data Properly write and deploy data manipulation language triggers to avoid performance problems Work with advanced datatypes including LOBs and XML Use caching techniques to avoid redundant operations Effectively use dynamic SQL to reduce the amount of code needed and streamline system management Manage version control and ensure that performance fixes are successfully deployed Code examples in the book are available for download

Oracle PL/SQL Language Pocket Reference Steven Feuerstein,Bill Pribyl,Chip Dawes,2004-04-06 Provides quick reference information that will help you use Oracle s PL SQL language including the newest Oracle Database 10g features This is a companion to Steven Feuerstein and Bill Pribyl s Oracle PL SQL Programming

Expert PL/SQL Practices Michael Rosenblum,Dominic Delmolino,Lewis Cunningham,Riyaj Shamsudeen,Connor McDonald,Melanie Caffrey,Sue Harper,Torben Holm,Robyn Sands,John Beresiewicz,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 Advanced PL/SQL Developer Professional Guide Saurabh K. Gupta,2012-01-01 This book is packed with real world examples that cover all the advanced features of PL SQL In turn each major certification topic is covered in a separate chapter that makes understanding concepts easier At the end of each chapter you will find plenty of practice questions to strengthen and test your learning If you are a PL SQL developer looking for deeper insight and a move from mid level programmer to professional database developer then this is the best guide for you This book is also an ideal guide for all the Associate level PL SQL programmers who are preparing for the Professional 1Z0 146 certification This book

assumes you have prior knowledge of PL SQL programming **Oracle Database 10g PL/SQL Programming** Scott Urman,Ron Hardman,Michael McLaughlin,2004-10-07 Create dynamic client server applications using PL SQL and the comprehensive information contained in this authoritative volume Expert Oracle insiders cover the features of PL SQL explain scripting semantics and syntax and fully detail the PL SQL functionality of Oracle Database 10g You ll learn how to write powerful PL SQL programs interact with Oracle databases perform complex calculations and handle error conditions

Oracle PL/SQL Language Steven Feuerstein,Bill Pribyl,Chip Dawes,2003 This updated edition describes features available in Oracle9i and provides a quick reference that summarizes PL SQL syntax for every developer who uses PL SQL for database programming Oracle Database 12c: Advanced SQL ,2018 Explore advanced aspects of coding using SQL in an Oracle Database 12c environment ORACLE DATABASE 12C HANDS-ON SQL AND PL/SQL, Second Edition ASNANI, SATISH,2015-11-15 The book teaches the basics of the Oracle database from a beginner s perspective to the advanced concepts using a hands on approach Each and every concept has been elaborated with suitable practical examples along with code for clear and precise understanding of the topic Using a practical approach this new edition of the book covers the detailed introspection of pluggable databases and explains practically the various new features incorporated in the new 12c version It also explains how to retrieve add update and delete data in the Oracle database using SQL SQL PLUS and PL SQL In the process it discusses the various data types and built in functions of Oracle as well as the sorting of records and the table operations The text also includes coverage of advanced queries using special operators Oracle security indexing and stored functions and procedures The book is suitable for undergraduate engineering students of Computer Science and Information Technology B Sc Computer Science IT M Sc Computer Science IT and students of Computer Applications BCA MCA PGDCA and DCA Besides the book can be used as a reference by professionals pursuing short term courses on Oracle Database and students of Oracle Certified Courses **KEY FEATURES** Based on latest Oracle Database 12c It explains the various features introduced with the new Oracle Database 12c software Hands on methodology Its objective is to impart practical skills using hands on methodology Elaborate Practical Examples Each topic begins with appropriate theory and concept followed by relevant examples for better understanding of the concepts Commands tested and executed on Oracle Database software All the programming examples have been tested on actual Oracle Database software

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