ORACLE PL / SQL

by Prabhat Kumar

Murach Oracle Sql And Pl Sql Chapter 3 Exercises Tutorial

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and managing PL SOL code Here is what you will learn Chapter 1 Introduction What Is PL SOL Architecture of PL SOL Advantage of Using PL SQL Basic Difference between SQL and PL SQL Chapter 2 Blocks What is PL SQL block Block Structure Types of PL SQL block Chapter 3 First Program Hello World SQL Plus Connecting to Database How to write a simple program using PL SQL Declaring and usage of variables in 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 **Practical Guide to Using SQL** of Identifiers Variables An Identifier Declaration of Variables Data storing in Variables in Oracle Dr. Richard Earp, Earp, Dr. Sikha Baqui, 2008-08-22 Structured Query Language has become the standard for generating manipulating and retrieving database information The dramatic increase in the popularity of relational databases coupled with Oracle's having the largest market share has created a demand for programmers who can write SQL code correctly and efficiently This book provides a systematic approach to learning SQL in Oracle Each chapter is written in a step by step manner and includes examples that can be run using Oracle Using the sample tables and data provided readers will be able to perform the examples to gain hands on experience with Oracle programming Gain an understanding of basic SQL principles Learn to generate store and edit SQL queries in Oracle Develop joins subqueries and correlated subqueries Work with XML and Oracle databases Test your SQL knowledge with the exercises at the end of each chapter Oracle PL/SQL by Example Benjamin Rosenzweig, Elena Rakhimov, 2008-08-15 This integrated learning solution teaches all the Oracle PL SQL skills you need hands on through real world labs extensive examples exercises and projects Completely updated for

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