

Lotus IT Hub Pune

Oracle(Pl/Sql) Syllabus Download

Oracle PL/SQL

Basics of PL/SQL

PL/SQL architecture

PL/SQL and SQL*Plus

PL/SQL Basics

Variables

Constants

Datatypes

Error messages $\frac{1}{2}$ user_errors and show errors

PL/SQL wrapper utility

PL/SQL structures

Simple blocks

Control structures

PL/SQL records

Recognizing the Basic PL/SQL Block and Its Sections

Describing the Significance of Variables in PL/SQL

Distinguishing Between PL/SQL and Non-PL/SQL Variables

Declaring Variables and Constants

Executing a PL/SQL Block

Error checking $\frac{1}{2}$ exception handling

Defining exceptions

Using the when others clause

Ensuring complete error checking

Passing error messages to calling routine

Boolean logic in PL/SQL

Identifying the Uses and Types of Control Structures

Constructing an IF Statement

Constructing and Identifying Different Loop Statements

Controlling Block Flow Using Nested Loops and Labels

Using Logic Tables

If-then-else structure

Testing for numbers characters and Booleans

Cursors in PL/SQL

Cursor basics

Using a cursor for a multi-row SQL query

Iteration in PL/SQL

For loop

While loop

PL/SQL tables

Defining PL/SQL tables

Reasons to use PL/SQL tables

Populating a PL/SQL table

Retrieving from a PL/SQL table

Dynamic SQL in PL/SQL

Introduction to the dbms_sql package

Creating a dynamic SQL statement

Nested blocks in PL/SQL

Creating nested blocks

Understanding scope in nested blocks

Triggers in PL/SQL

Triggers and database events

Defining a trigger

Timing a trigger
Enabling and disabling a trigger
Stored procedures, functions and packages
Basics of stored procedures
Basics of functions
Basics of packages
Defining stored procedures & functions
Function and stored procedures prototypes
Passing arguments to functions and stored procedures
Recompiling functions and stored procedures
Package forward declaration
Package dependency
Package overloading
Listing package information
Bulk in PL/SQLv
Bulk queriesv
Bulk DML (forall statement)
Using cursor attributes
Analyzing impact of bulk operations Database with MySQL

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