

Oracle Database 12c R2: Program with PL/SQL Ed 2

Duration: 5 Days

What you will learn

This Oracle Database: Program with PL/SQL training starts with an introduction to PL/SQL and then explores the benefits of this powerful programming language. Through hands-on instruction from expert Oracle instructors, you'll learn to develop stored procedures, functions, packages and more.

Learn To:

Conditionally control code flow (loops, control structures). Create stored procedures and functions. Use PL/SQL packages to group and contain related constructs. Create triggers to solve business challenges. Use some of the Oracle supplied PL/SQL packages to generate screen output and file output. Create custom packages for applications. Write Dynamic SQL code for applications.

Benefits to You

Ensure fast, reliable, secure and easy to manage performance. Optimize database workloads, lower IT costs and deliver a higher quality of service by enabling consolidation onto database clouds.

Use Oracle SQL Developer

You will use Oracle SQL Developer to develop these program units. SQL*Plus is introduced in this course as optional tools.

Course Bundle Note: This course is a combination of Oracle Database: PL/SQL Fundamentals and Oracle Database: Develop PL/SQL Program Units courses.

Related Training

Required Prerequisites:

Oracle Database: Introduction to SQL
Oracle Database 12c R2: SQL Workshop
Oracle Database 12c R2: SQL Workshop II Ed 2

Suggested Prerequisites

Previous programming experience

Course Objectives

- Use conditional compilation to customize the functionality in a PL/SQL application without removing any source code
- Design PL/SQL packages to group related constructs
- Create overloaded package subprograms for more flexibility
- Design PL/SQL anonymous blocks that execute efficiently
- Use the Oracle supplied PL/SQL packages to generate screen outputfile output and mail output
- Write dynamic SQL for more coding flexibility
- Describe the features and syntax of PL/SQL
- Create and debug stored procedures and functions
- Use PL/SQL programming constructs and conditionally control code flow (loopscontrol structuresand explicit cursors)
- Manage dependencies between PL/SQL subprogramsHandle runtime errors
- Create triggers to solve business challenges