

Course overview:

Introduction to Oracle8i: PL/SQL Language

D034eng)



the courseware
company

www.courseware.co.uk
sales@courseware.co.uk

Overview and objectives

This 2-day course provides an introduction to Oracle PL/SQL programming logic features not contained within SQL. The grammar, syntax and benefits of using the PL/SQL language within an Oracle database environment are considered. On course completion, students will have explored:

- Declaring variables and complex datatypes
- Developing logic within PL/SQL program blocks
- Fetching data from the database into program variables
- Returning program output to users
- Handling program exceptions
- Using explicit and implicit database cursors
- Using the advanced features of nested blocks and subprograms

Who should attend?

This course has been developed for all Oracle professionals such as Application Developers, Database Administrators and Designers. Students are recommended to have attended the following course or have the equivalent knowledge and experience:

Introduction to Oracle8i: Advanced SQL & SQL*Plus

Language features

- Understanding PL/SQL • Structure of a PL/SQL program block • Generating output

DECLARE clause

- Datatypes • Declaration features • Special datatypes • %ROWTYPE record • TYPE ... TABLE • TYPE ... RECORD

BEGIN clause

- Data manipulation • CHAR and VARCHAR2 • Database access • Logic control and branching

EXCEPTION clause

- Handling exceptions • Special features • System defined exceptions • SQLCODE / SQLERRM • Implicit cursors • User-defined exceptions • PRAGMA exception

Explicit cursors

Advanced features

Sideris 2004. All rights reserved. All trademarks are the property of their respective owners
