



Boss Consulting Services, Inc.

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Oracle Reports 10g Development for University System Programmers (BAN207)

Course Description

This 5-day course provides an in-depth analysis of the Oracle Developer 6i Report Builder product. Students begin the class using the Wizards included in Reports 6i, and progress to creating complex reports using both the Wizards and manual techniques. The course provides both lecture and hands-on lab time with the student spending approximately 50% of the class time practicing the techniques discussed in the lecture.

Audience

This course is intended for technically oriented end-users, application developers and programmers who will create or maintain Oracle Forms applications. The prerequisite for this course is SQL100 or a minimum of six months of SQL/SQL*Plus experience.

Course Topics

Oracle Reports Terminology

- What is Oracle Reports?
- Report Concepts
- Query Objects
- Group Objects
- Frames
- Links

Creating Simple Reports

- Reports Designer
- Naming Conventions
- Creating a Query
- Report Groups
- Creating a Default Layout

Conditional Printing

- Conditionally Printing Text
- Conditionally Printing Detail Record
- Modifying Print Attributes

Using PL/SQL in Reports

- PL/SQL Overview
- PL/SQL Program Units
- The SRW Package
- Report Triggers

Modifying the Parameter Form

- Default Parameter Form
- Adding Predefined Parameters

- Report Frames

Using Wizards

- Data Wizard Overview
- Invoking the Data Wizard
- Building a Report with the Data Wizard

Modifying Reports

- Opening an Existing Report
- Layout Model Editor
- Adding Page Titles
- Adding Footers
- Format Masks
- Aligning Objects
- Header & Trailer Pages

Multiple Group Reports

- Break Reports
- Multiple Query Report
- Creating Dependent Groups

Computations and Summaries

- Summary Columns
- Summary Column Report
- Format Mask on Summary Column
- Printing One Record Per Page
- Percent of Total

Incorporating Placeholders

- Placeholder Columns
- Placeholder Report
- Setting the Placeholder Column

- Adding User-Defined Parameters
- Using Multiple Parameters

Advanced Reporting Concepts

- Multiple Query Reports
- Single Query Multiple Group Report

Matrix Reports

- Creating a Matrix Report
- Matrix Report Groups
- Summary Columns

Advanced Matrix Reports

- Matrix Report Review
- Break Matrix Report
- Nested Matrix Report

Drill-Down Reports

- Using Buttons in Reports
- Adding PL/SQL Function to a Button
- Drill-Down Report Example

Integrating Graphs and Reports

- Displaying Charts in Reports
- Creating a Chart Field
- Creating the Chart
- Chart Properties