

Oracle DBA, Oracle Developer, Java, Android, SQL Server, Linux, C, C++, MySQL PHP, HTML, CSS, Java Script, MySql DBA, Postgresql DBA, ASP.Net, Bigdata Hadoop, Oracle Apex, Data Structure

Oracle Application Express Workshop I

Course Topics

Course Overview

- Course Goals
- Course Outline
- Order Management Database Application (OMDA)
- Introducing Course Persona: Jack
- Course Environment: Products Installed
- Course Environment: Workspace Details
- Accessing the Labs Directory

Introducing Oracle Application Express

- Application Express Overview
- Application Express Terms and Concepts
- Using Application Express

Creating a Desktop and Mobile Database Application

- Application Builder Overview
- Introducing Database Applications
- Creating Database Applications
- Creating Mobile Application

Working with Reports for Desktop Application

- Introducing Reports
- Using Classic Reports
- Using Interactive Reports
- Creating and Customizing an Interactive Report

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Working with Reports for Mobile Application

- Creating Reports for a Mobile Application
- Creating Column Toggle Report
- Creating a Reflow Report

Creating Forms

- Using Forms
- Creating Forms
- Modifying Forms
- Creating a Form in a Mobile Application

Working with Pages and Regions

- Introducing Page Definition
- Working with Page Regions
- Working with Pages

Adding Items and Buttons

- Introducing Items
- Using Items
- Creating List of Value (LOV) Type of Items
- Using Buttons

Understanding Session State

- Understanding Session State in Oracle Application Express
- Using Session State in Oracle Application Express

Including Page Processing

- Introducing Page Processing
- Including Computations
- Including Processes
- Including Validations
- Including Branches

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Validating and Debugging Your Application

- Using the Advisor
- Managing Your Attribute Dictionary
- Debugging Your Application

Adding Shared Components That Aid Navigation

- Introducing Shared Components
- Creating Tabs
- Creating Lists
- Creating Breadcrumbs
- Creating a Navigational Bar

Working with Themes, Templates and Files

- Using Themes
- Using Templates
- Using Files

Implementing Security

- Securing an Application
- Using Authentication Schemes
- Using Authorization Schemes
- Using Session State Protection

Managing Application Navigation

- Building a Hierarchical List with Images
- Building a Site Map
- Enforcing Authorization on Your Site Map
- Linking Interactive Reports using a Declarative Filter

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Extending Your Application

- Creating Data Load Wizard Pages
- Creating an Upload and Download Page
- Adding BLOB Data to an Existing Application
- Sending Email from an Application

Creating and Editing Charts

- Creating and Using Charts
- Enhanced Charting Examples

Adding Calendars and Trees

- Using Calendars
- Using Trees

Using Dynamic Actions and Plug-Ins

- Using Dynamic Actions
- Using Plug-Ins

Utilizing Application Express Printing

- Printing a Standard Report with Derived Output
- Creating a PDF Report with Multiple Queries

Managing Application Feedback

- What is Team Development?
- Managing Feedback