

Oracle Developer 2000 (Forms)

Forms

Module 1

1. WORKING WITH FORMS

BASIC CONCEPTS

- Oracle Forms

APPLICATION DEVELOPMENT IN FORMS

- Form Module
- Menus
- PL/SQL Libraries
- Object Libraries
- Database Objects

FORM MODULE

- Blocks
- Items
- Frames
- Canvas View
- Window
- PL/SQL Code Blocks

USING FORMS BUILDER

- Parts of the Forms Builder Window
- Tools Available with Forms Builder

FORM WIZARDS

- Data Block Wizard
- Layout Wizard

CREATING A FORM

GENERATING AND RUNNING A FORM

- Compiling a Form

- Running a Form
- Setting the Default Environment
- Data Retrieval and Manipulation Operations

II. MASTER FORM

MASTER DATA ENTRY SCREEN

- Integrity Constraints
- Validations in the master data entry screen
- Default Form Creation
- Laying out the objects on the form
- Creating a Control Block

III. PROPERTY CLASSES AND VISUAL ATTRIBUTES

MAINTAINING STANDARDS WITHIN A FORM

- Standards in a commercial Application.
- Setting Standards in Oracle Forms.

PROPERTY CLASS

- Creating a Property Class Object
- Assigning the Property Class to Other Objects on the Form

VISUAL ATTRIBUTES

- Setting the visual attributes of an object
- Creating Named Visual Attributes and applying the same to several objects.

Module 2

IV. PL/SQL LIBRARIES AND ALERTS

LIBRARY FILE FORMATS

CREATING AND ATTACHING A LIBRARY TO A MODULE

- Creating a New Library.
- Attaching a Library to Another Module.

ALERTS

- Creating an Alert
- Displaying an Alert
- Setting Alert Properties at Runtime

V. OBJECT LIBRARIES

MAINTAINING STANDARDS IN FORMS

- Advantages of Object Library.

OBJECTS INCLUDED IN AN OBJECT LIBRARY

CREATING AN OBJECT LIBRARY AND PLACING OBJECTS IN THE OBJECT LIBRARY.

- Common triggers included in the Object Library.

VI. THE MASTER DETAIL FORM

The Relation Object

View Mode

Delete Mode

CREATING A MASTER - DETAIL FORM

Creating the Master Block

Creating the Detail Block

Running a Master Detail Form

Data Retrieval and Manipulation Operations

Working of a Master Detail Form

Retrieving records in the Master and Detail Blocks

Adding Records in the Master and Detail Blocks

Adding Records in Detail Block and Setting value for the Join Column

Deleting Records in the Master Block along with corresponding Detail records.

Setting the properties of Relation Object.

Creating A Button Palette Block

Changes required in the Common Library Procedures

Attaching Common PL/SQL Library

Triggers

Disabling Default Forms Toolbar

Enabling and Disabling Navigational Buttons

VALIDATIONS

Using Database Triggers and Database Package to ensure Table Data Integrity

Implementing Business rules using WHEN-VALIDATE-ITEM trigger.

Not Null Check using ON-ERROR Form Trigger

Creating Display Items

WORKING WITH L.O.V. OBJECTS

Creating an L.O.V.

L.O.V IN THE DETAIL SECTION

CHANGING THE LIST OF VALUES DYNAMICALLY AT RUNTIME

How L.O.V window populates with list of values.

Setting Properties to 'Disable' refreshing of the Record Group.

SETTING DEFAULT VALUES FOR THE ITEMS

VII. USING MULTIPLE CANVASES

STACKED CANVAS

Creating Detail Block

Attaching common PL/SQL Library

Triggers

Disabling Default forms toolbar

Enabling and Disabling Navigational Buttons

VALIDATIONS

Validation Rule Implementations

Using Database Triggers and database package to ensure Table Data Integrity.

Not Null Check using ON-ERROR Form Trigger

Making the Balance Due Item not enterable

Using Radio Groups for Validations

VIII. USING TAB CANVAS

Creating a Master Block and Detail Block

Setting the Properties of the Relation Object

CREATING A BLOCK AND PLACING BLOCK ITEMS ON A NEW TAB PAGE

VALIDATIONS

CREATING AND USING A LIST ITEM

Poplist

TLIST

ComboList

List Element Elements

Creating a List Item

Adding static List Elements

Setting List Element values programmatically.

WORKING WITH FORMULA AND SUMMARY ITEMS

CREATING AND USING AN EDITOR

CREATING A HORIZONTAL TOOLBAR CANVAS

TRIGGERS

IX. INTERLINKING RELATED FORMS AND PASSING PARAMETERS BETWEEN FORMS

Opening Another Form From The Current Form

Passing Parameters To The Called Form

X. WORKING WITH MENUS

Using a Custom Menu

Attaching PL/SQL Code To The Menu Items

Saving Compiling AND Attaching A Menu Module

Checked,Enabled AND Displayed Properties Of Menu Items

Creating An Iconic Toolbar

Master Detail Menu

