

EAS Oracle Apps

Lab Book

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Getting Started

Overview

This lab book is a guided tour for learning EAS oracle application. It comprises 'To Do' assignments. Follow the steps provided and work out the 'To Do' assignments.

Setup Checklist for EAS Oracle Application

Here is what is expected on your machine in order for the lab to work.

Minimum System Requirements

- Intel Pentium 90 or higher (P166 recommended)
- Microsoft Windows 95, 98, or NT 4.0, 2k, XP.
- Memory: 32MB of RAM (64MB or more recommended)
- Internet Explorer 6.0 or higher

Please ensure that the following is done:

- NA

Instructions

- For all coding standards refer Appendix A. All lab assignments should refer coding standards.
- Create a directory by your name in drive <drive>. In this directory, create a subdirectory <eas orapps>_assgn. For each lab exercise create a directory as lab <lab number>.

Lab 1. Creating report and uploading report in Oracle Application server

Goals	<ul style="list-style-type: none"> To create report and upload it in Oracle Application server
Time	

1.1: Create a report

Solution:

Step 1: Start Report Builder Open reports6i Application, by selecting

Start → Programs → Oracle Reports 6i – OraHome62 → Report Builder.

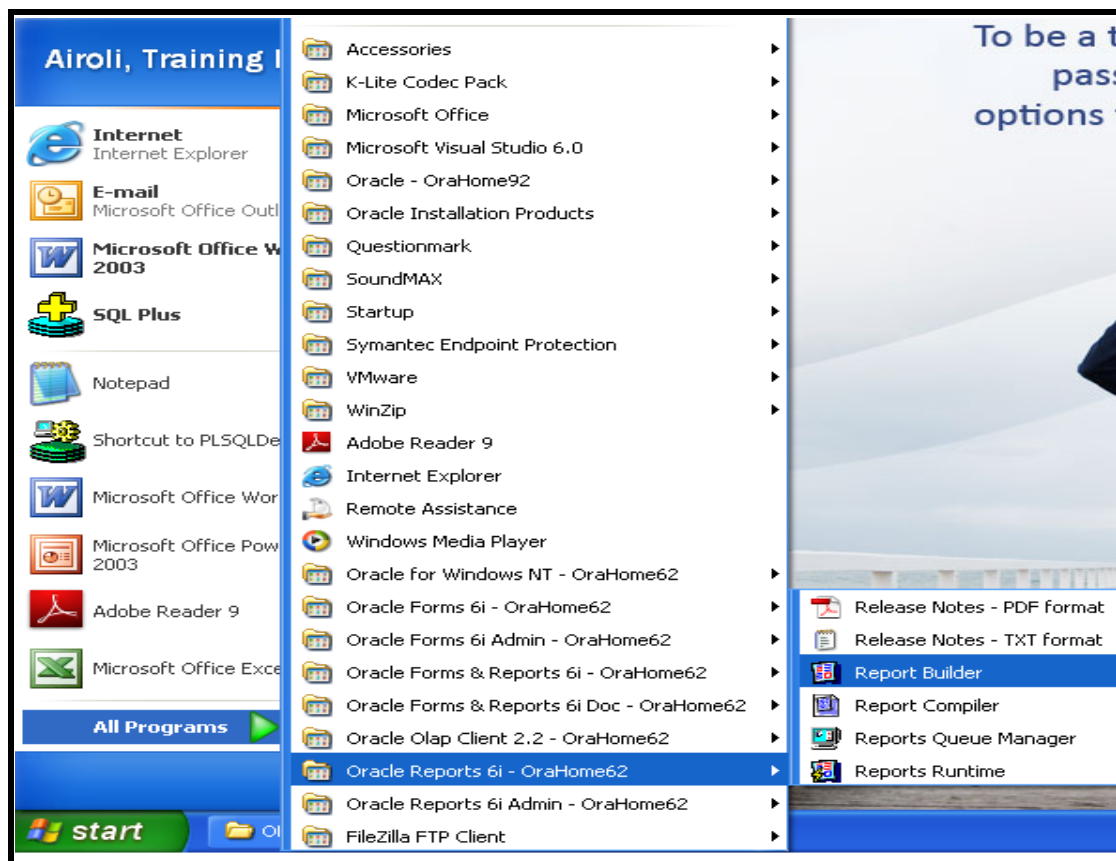


Figure 1: Start Report Builder

Step 2: Develop the report as per requirement. Save this form in a proper location.

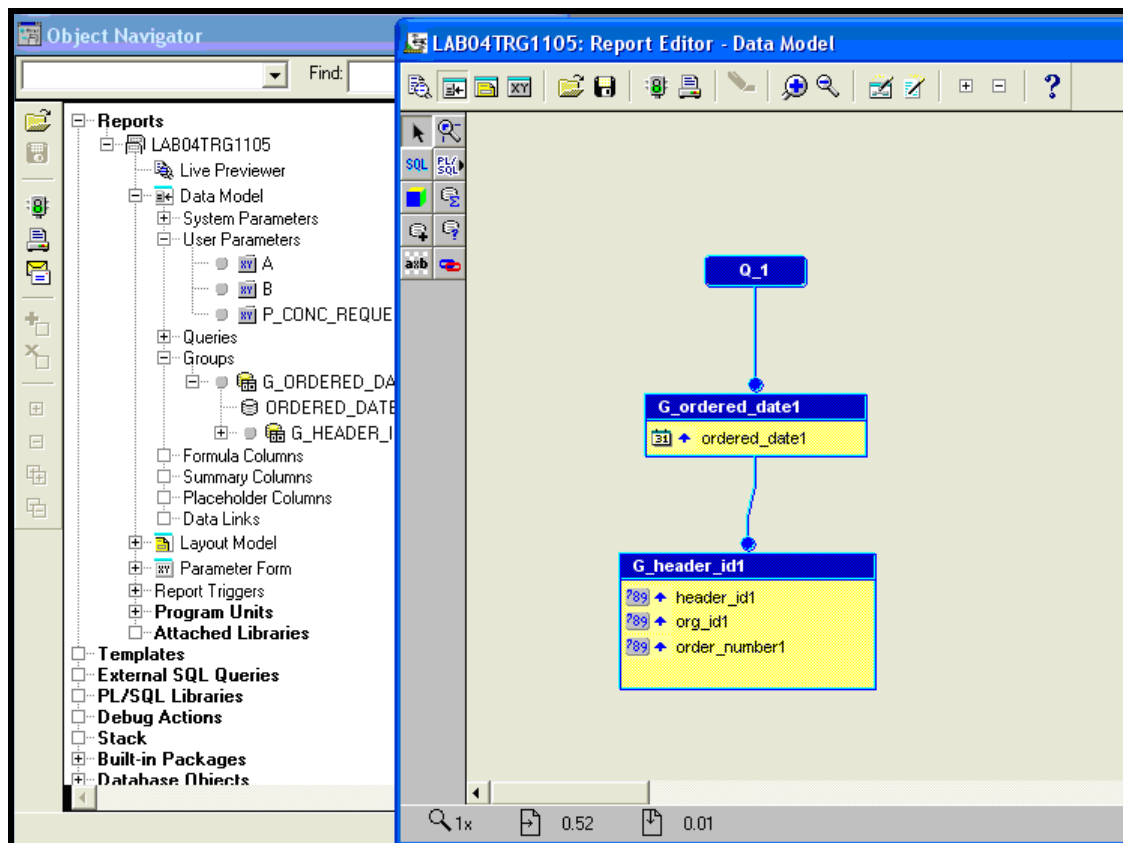
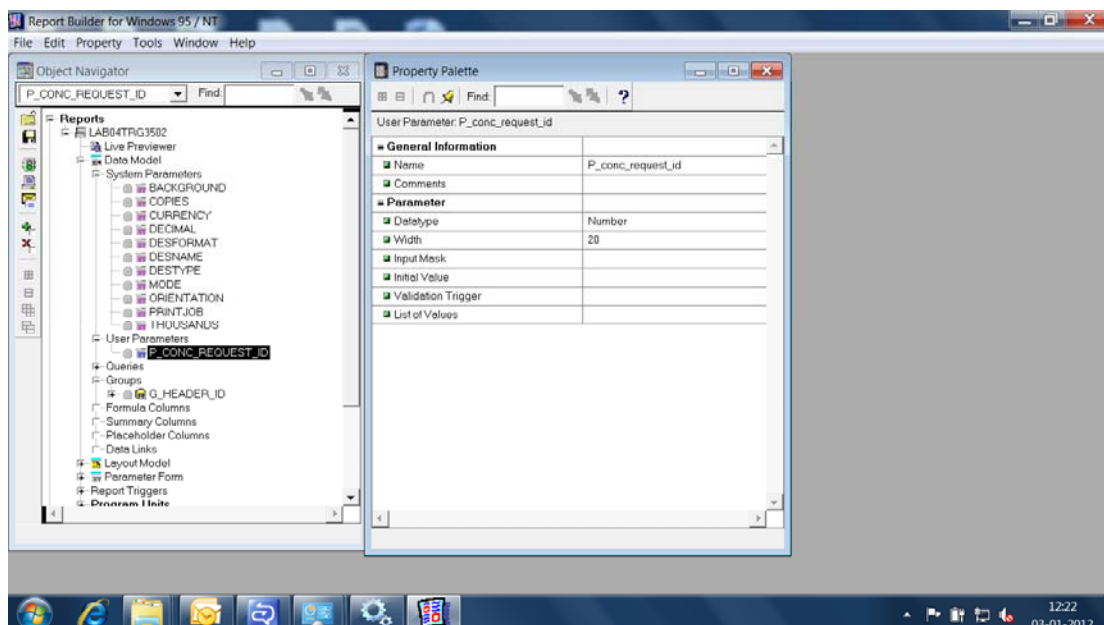
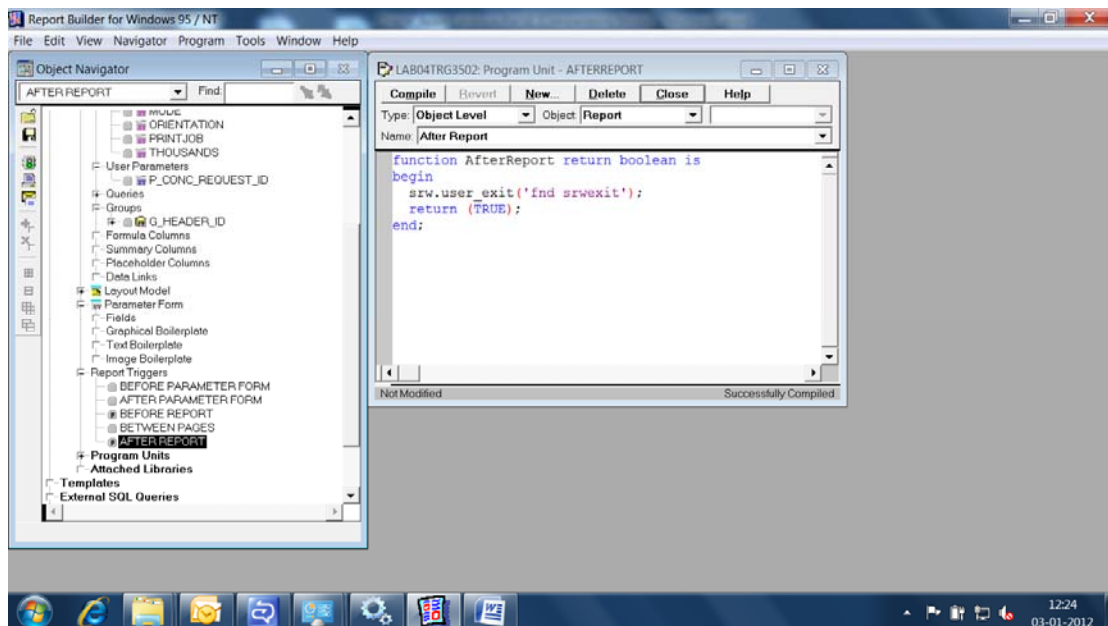
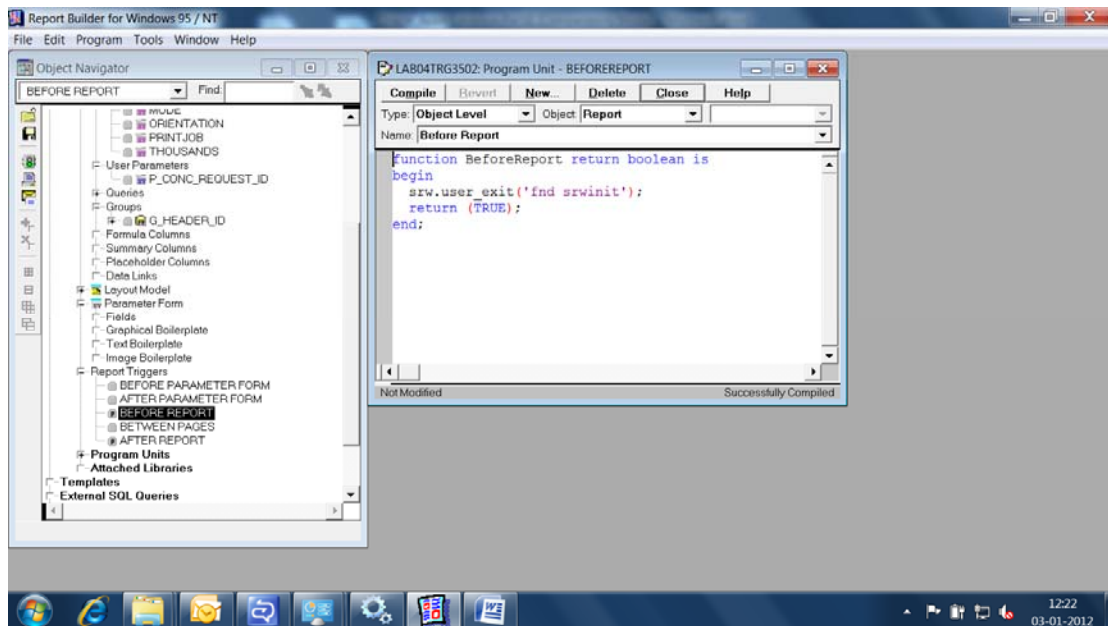


Figure 2: Design the report





Step 3: Upload the file to CUSTOM_TOP

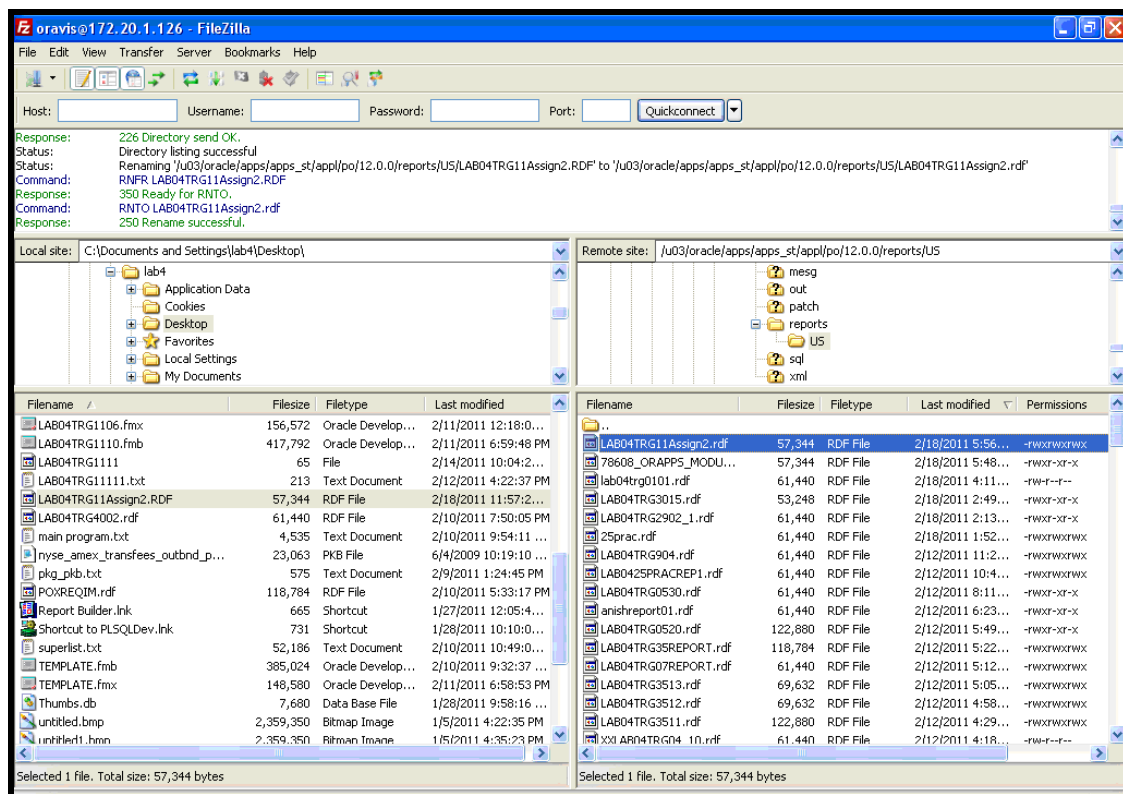


Figure 3: Upload the report on custom top

Lab 2. Registering report in Oracle Application

Goals	<ul style="list-style-type: none"> To register report in Oracle Application.
Time	

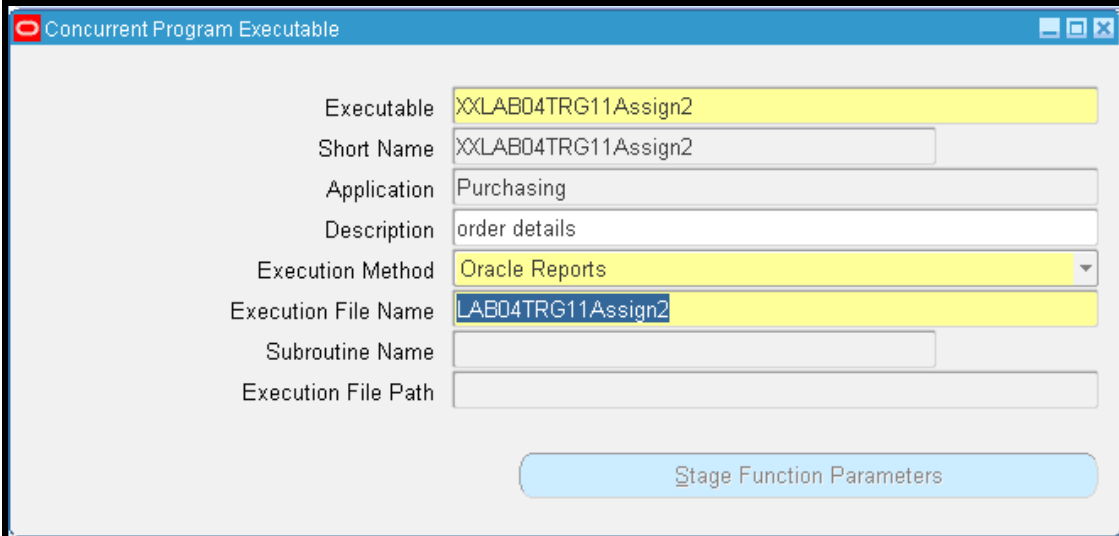
2.1: Registering report

Solution:

Step 1: Now Login to Oracle Application.

Go to Responsibility “Application developer”→Concurrent→Program

Register an executable in oracle applications, as follows



The screenshot shows the 'Concurrent Program Executable' form. The fields are filled as follows:

- Executable: XXLAB04TRG11Assign2
- Short Name: XXLAB04TRG11Assign2
- Application: Purchasing
- Description: order details
- Execution Method: Oracle Reports
- Execution File Name: LAB04TRG11Assign2
- Subroutine Name: (empty)
- Execution File Path: (empty)

A 'Stage Function Parameters' button is located at the bottom right of the form.

Figure 4: Executable Registration

Step 2: Make a program and attach executable

Go to Responsibility “Application developer”→Concurrent→Executable

Fill the details and save.

Concurrent Programs

Program: XX Lab04TRG 11 report Assign ☒ Enabled

Short Name: XXLAB04TRG11ASSIGN2

Application: Purchasing

Description:

Executable

Name: XXLAB04TRG11Assign2

Method: Oracle Reports

Options:

Request

Type:

Incrementor:

MLS Function:

☒ Use in SRS ☐ Allow Disabled Values

☐ Run Alone ☒ Restart on System Failure

☐ Enable Trace ☒ NLS Compliant

Output

Format: Text

☒ Save (C)

☒ Print

Columns:

Rows:

Style: Landscape

☐ Style Required

Printer:

Copy to... Session Control Incompatibilities Parameters

Figure 5: Program Registration

Step 3: Click on parameter Button

Create parameter and give the respective parameter in token field

Concurrent Program Parameters

Program: XX Lab04TRG 11 report Assign

Application: Purchasing

Conflicts Domain:

Security Group:

Seq	Parameter	Description	Enabled
10	P_CONC_REQUEST_ID	request Id	<input checked="" type="checkbox"/>
20	A	from date	<input checked="" type="checkbox"/>
30	B	to date	<input checked="" type="checkbox"/>

Validation

Value Set: DATE_LIST_STANDARD

Default Type: Constant

☐ Required ☐ Enable Security

Description:

Default Value: 01-JAN-2000

Range:

☒ Display

Display Size: 11

Concatenated Description Size: 25

Description Size: 50

Prompt: Order Date From

Token: A

Figure 6: Parameter Registration

Step 4: Attach the program name to a responsibility

Go to Responsibility "System Administrator"→Security→Responsibility→ Request

Request Groups

Group: OM Concurrent Programs

Application: Order Management

Code: OM_CONC_PROGRAMS

Description: Order Management Concurrent Programs

Requests

Type	Name	Application
Program	XX Lab04 training 11 testing 03	Purchasing
Program	XX Lab04TRG 11 report Assign	Purchasing

Description:

Figure 7: Attaching program to request group

Lab 3. Running report in Oracle Application

Goals	<ul style="list-style-type: none"> To run report in Oracle Application
Time	

3.1: Run Report

Solution:

Step 1: Now Login to Oracle Application.

Run a request

Go to Respective Responsibility →(M) view → submit a new request

Figure 8: Running a program

Step 2:

Give the parameter and submit request and find the request id and see the output

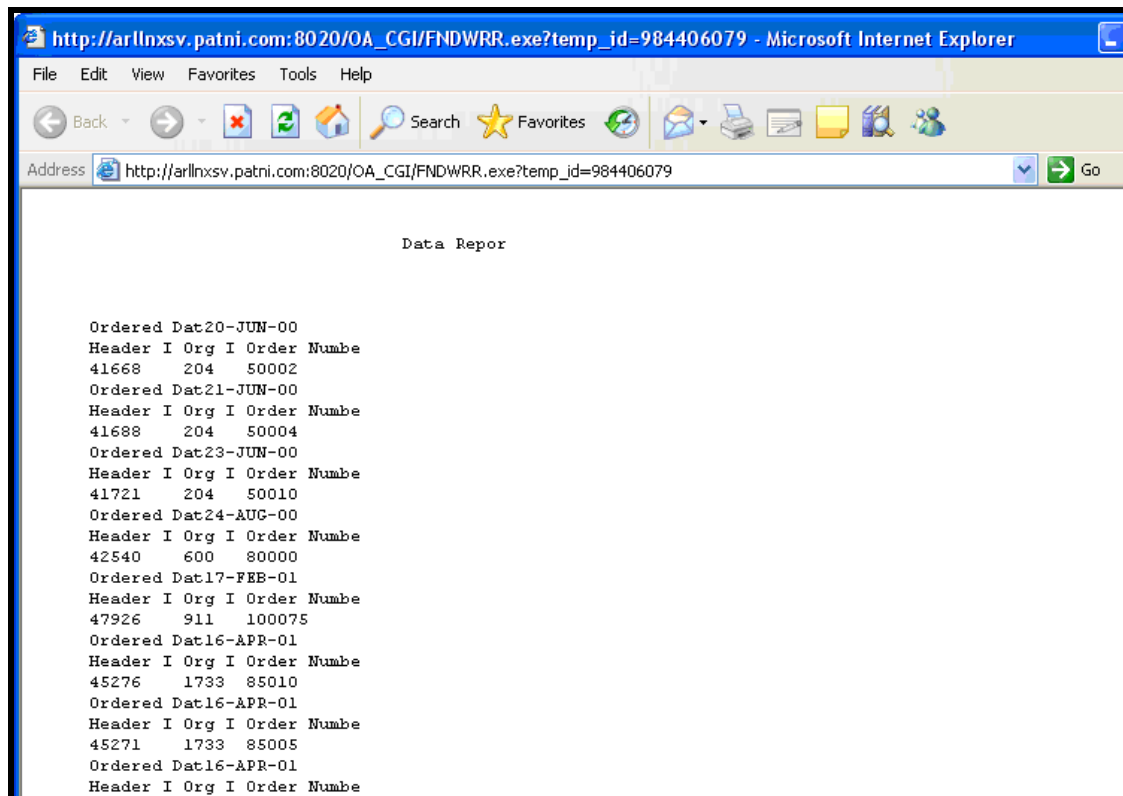


Figure 9: Output of the report

Lab 4. Registration and Running a PL/SQL Program in Oracle Application

Goals	<ul style="list-style-type: none"> To run report in Oracle Application. Registration and Running a PL/SQL Program in Oracle Application
Time	

4.1: Registration and Running a PL/SQL Program in Oracle Application

Solution:

Step 1: Login to the Oracle Apps Database. And compile the package mention below

CODING

```
CREATE OR REPLACE PACKAGE labo4test_pkg
AS
  PROCEDURE labo4training (
    errbuf OUT VARCHAR2,
    retcode OUT NUMBER);

END labo4test_pkg;
/

CREATE OR REPLACE PACKAGE BODY labo4test_pkg
AS
  PROCEDURE labo4training (
    errbuf OUT VARCHAR2,
    retcode OUT NUMBER)
  AS
  BEGIN
    fnd_file.put_line (fnd_file.output,
                      'in output file' );
    fnd_file.put_line (fnd_file.log, 'in log file');

  END labo4training;
END labo4test_pkg;
/
```

Example 1: Sample Code

Step 2:

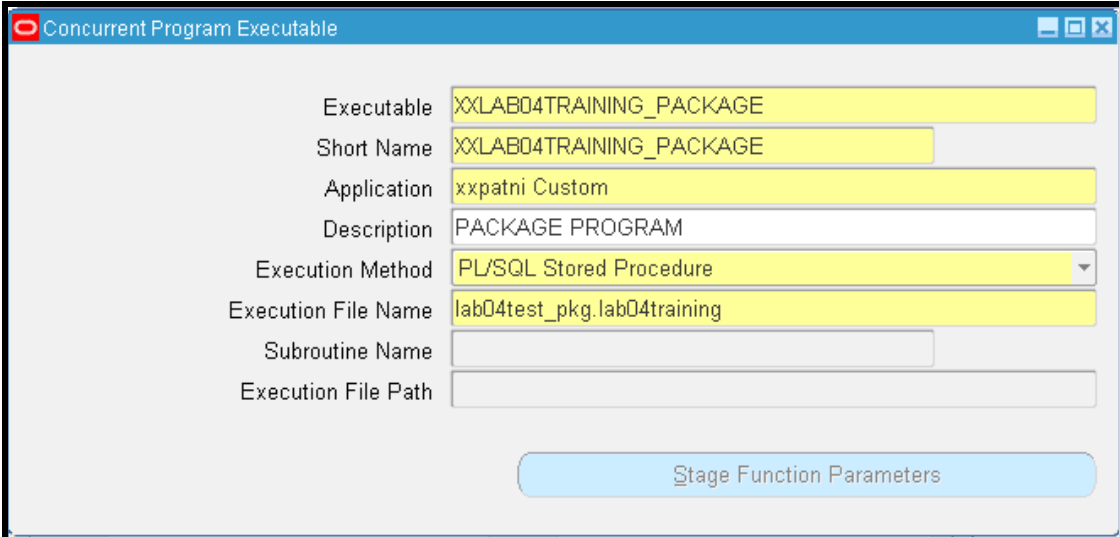
Make a program and attach executable

Now Login to Oracle Application.

Go to Responsibility “Application developer”→Concurrent→Executable

Fill the details and save.

Register an executable in oracle applications, as follows



The screenshot shows the 'Concurrent Program Executable' form. The fields are as follows:

Field	Value
Executable	XXLAB04TRAINING_PACKAGE
Short Name	XXLAB04TRAINING_PACKAGE
Application	xxpatni Custom
Description	PACKAGE PROGRAM
Execution Method	PL/SQL Stored Procedure
Execution File Name	lab04test_pkg.lab04training
Subroutine Name	
Execution File Path	

At the bottom right, there is a button labeled 'Stage Function Parameters'.

Figure 10: Executable Registration

Step 3:

Now Follow lab 2 (Steps 2 to 4), and to run the program follow steps mention in Lab 3 and see/analyze output.

Lab 5. Generating executable and uploading form in Oracle Application

Goals	<ul style="list-style-type: none"> To generate executable and upload form in Oracle Application
Time	

5.1: Create a form using templet.fmb

Solution:

Step 1: Creating form:

Open form 6i Application, by selecting **Start → Programs → Oracle Forms 6i – OraHome → Form Builder**.

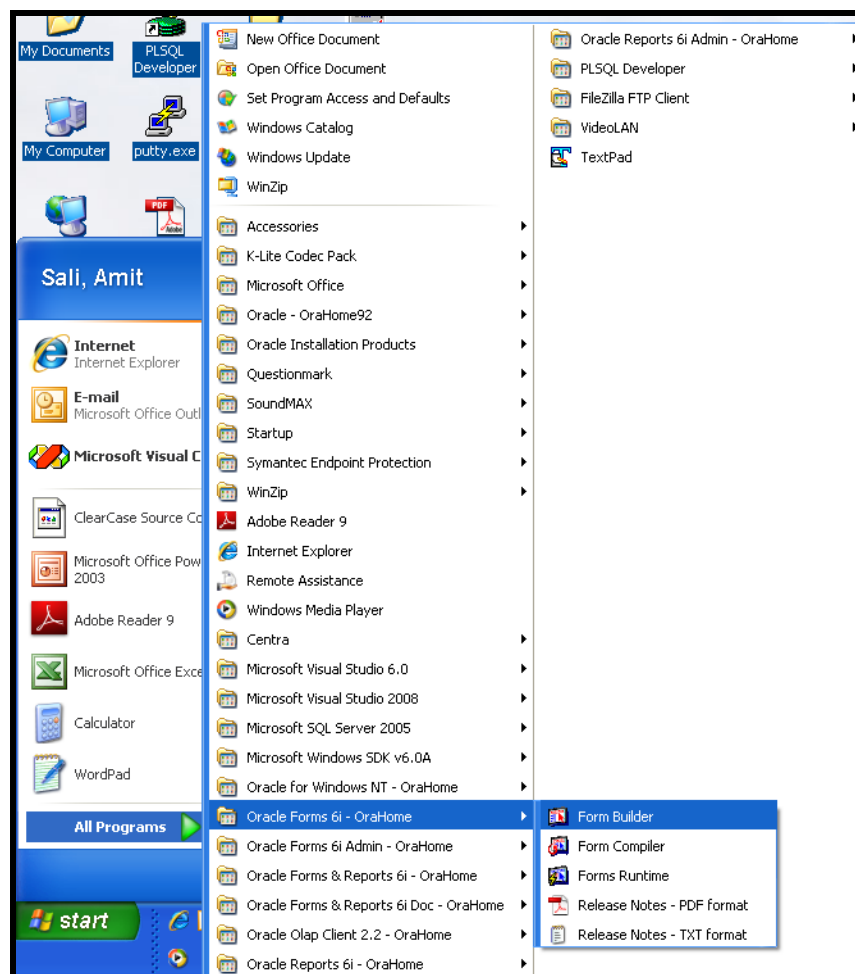


Figure 11: All Programs menu

Step 2: In forms builder, open the template form:

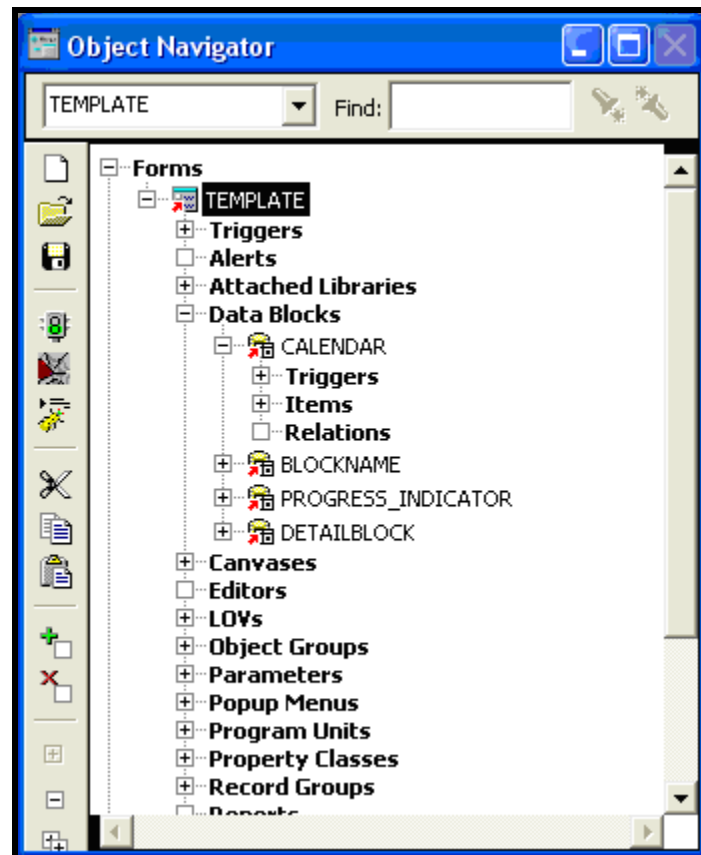


Figure 12: Creating from using template.fmb

Step 3: In the template form, change the layout as per your requirements. Save this form in a proper location.

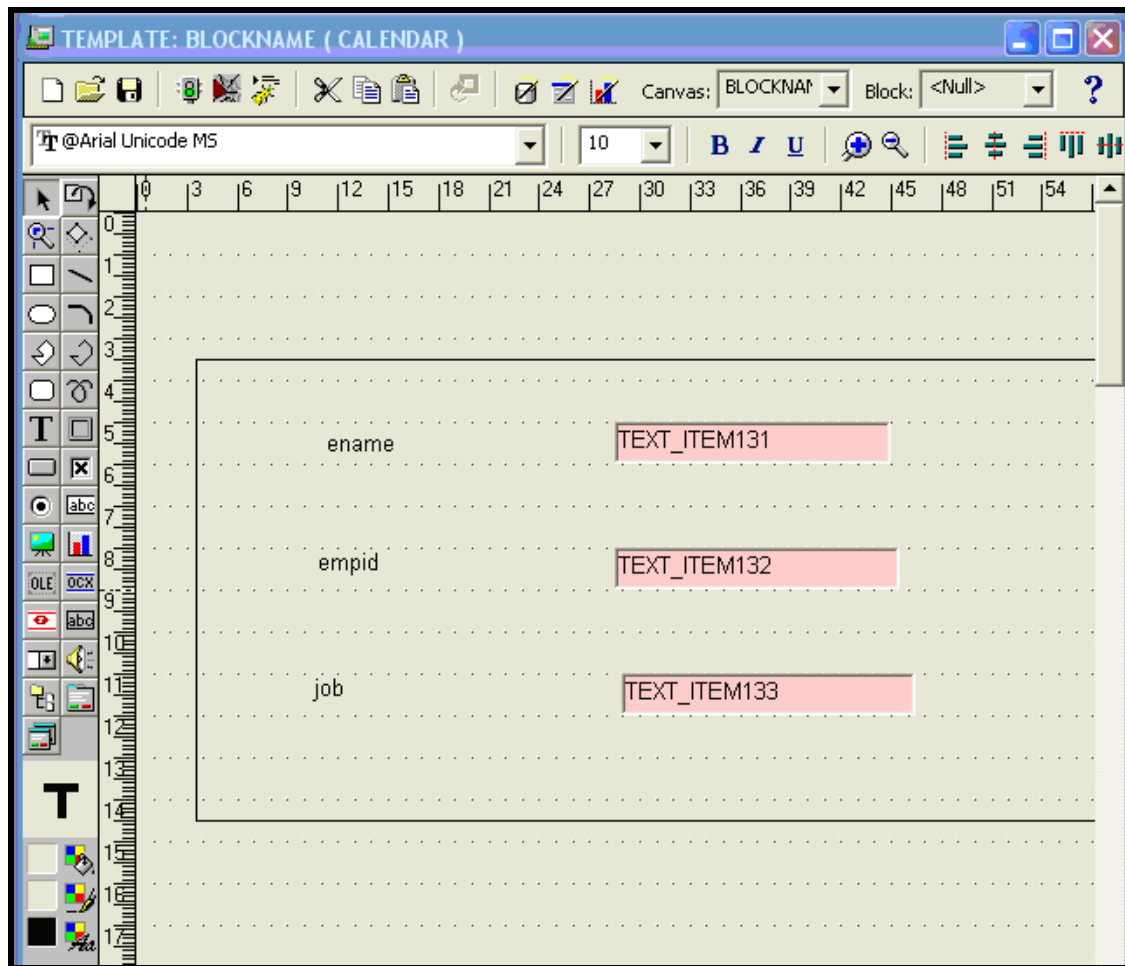


Figure 13: Sample Form

5.2: Upload it to CUSTOM_TOP

Solution:

Step 1: Open FILEZILLA and login and go to the **au top-forms**.

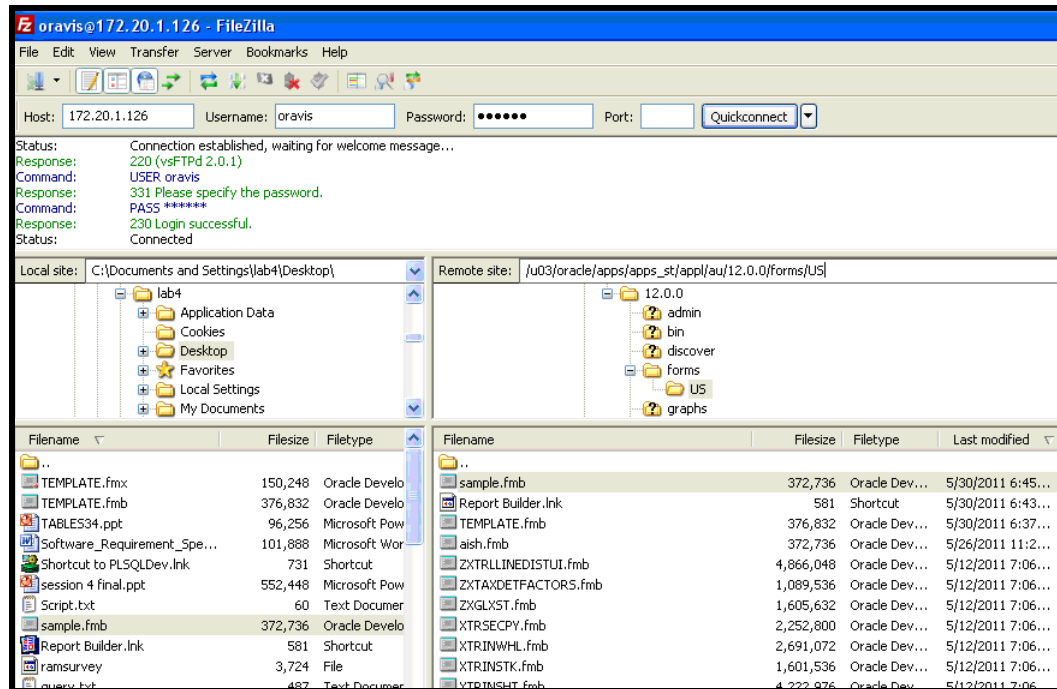


Figure 14: Form Upload step 1

Step 2: Upload the file to AU_TOP and Set the file permission to 755.

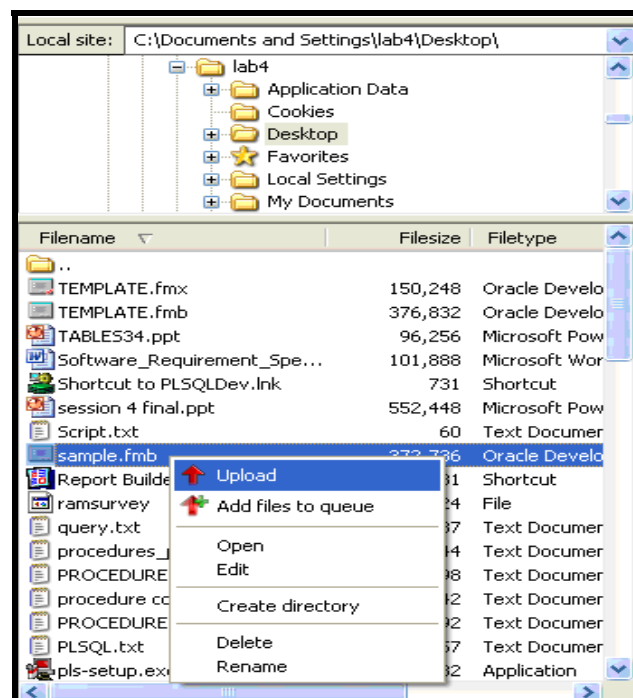


Figure 15: Form Upload step 2

Step 3: Change the file permissions for that form. Give it as 755.

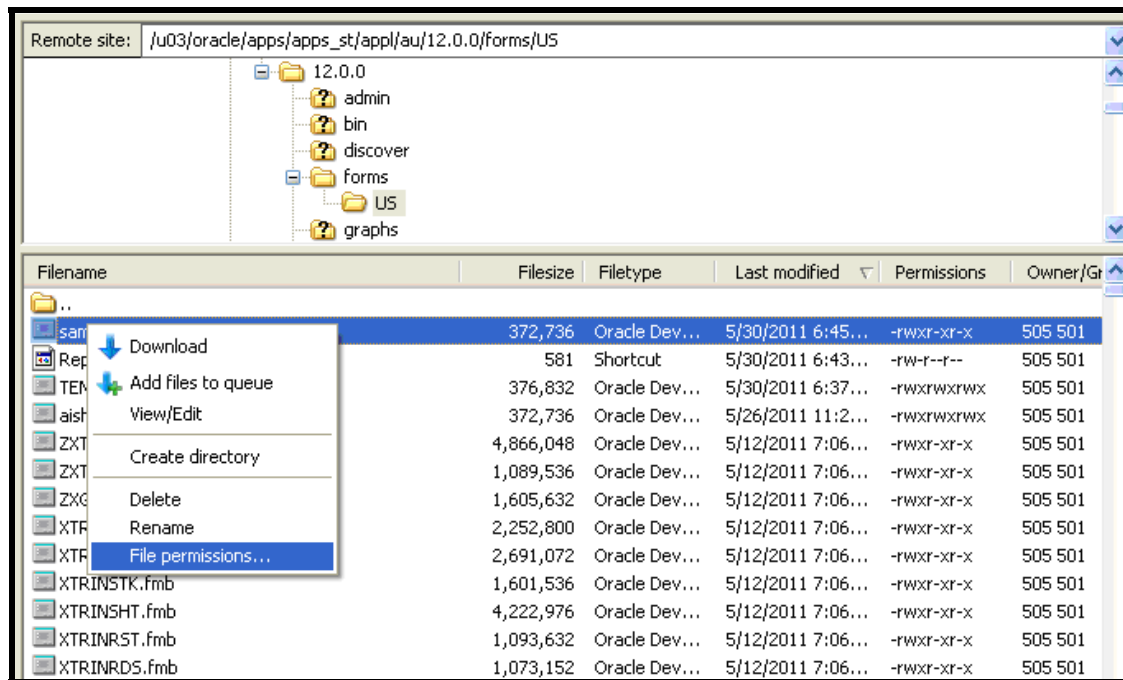


Figure 16: Form Upload step 3

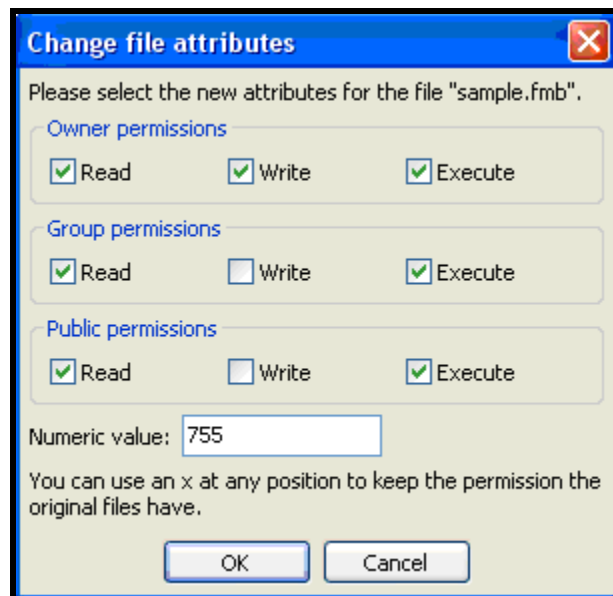
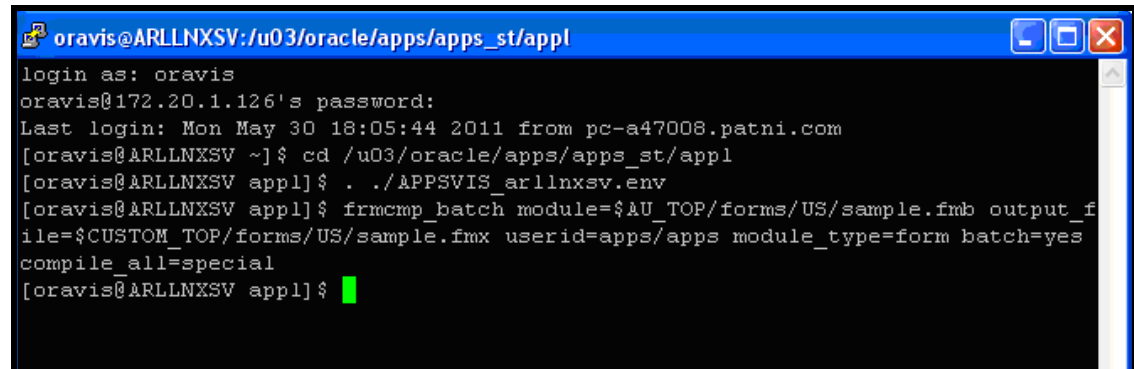


Figure 17: Supplying 755 Permission

Step 4: Compile and generate executable file of the form using command below

Step 5: Now open PUTTY and give the command to link the form with **ORAPPS**.



```

oravis@ARLLNXSV:/u03/oracle/apps/apps_st/appl
login as: oravis
oravis@172.20.1.126's password:
Last login: Mon May 30 18:05:44 2011 from pc-a47008.patni.com
[oravis@ARLLNXSV ~]$ cd /u03/oracle/apps/apps_st/appl
[oravis@ARLLNXSV appl]$ ./APPSVIS_arllnxsv.env
[oravis@ARLLNXSV appl]$ frmcmp_batch module=$AU_TOP/forms/US/sample.fmb output_f
ile=$CUSTOM_TOP/forms/US/sample.fmx userid=apps/apps module_type=form batch=yes
compile_all=special
[oravis@ARLLNXSV appl]$

```

Figure 18: Generating executable of fmb

Step 6: Download the .fmx file from xxpatni custom and upload it in ONT_TOP.

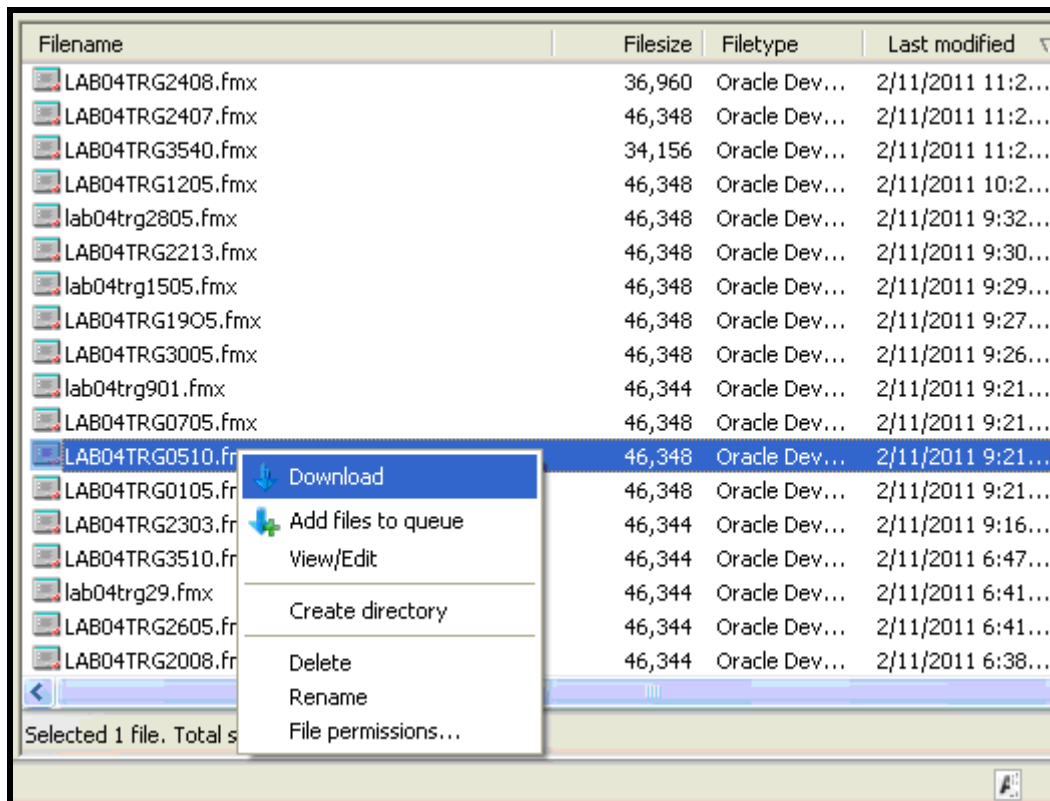


Figure 19: Downloading form

Lab 6. Registering form in Oracle Application

Goals	<ul style="list-style-type: none"> To register form in Oracle Application
Time	

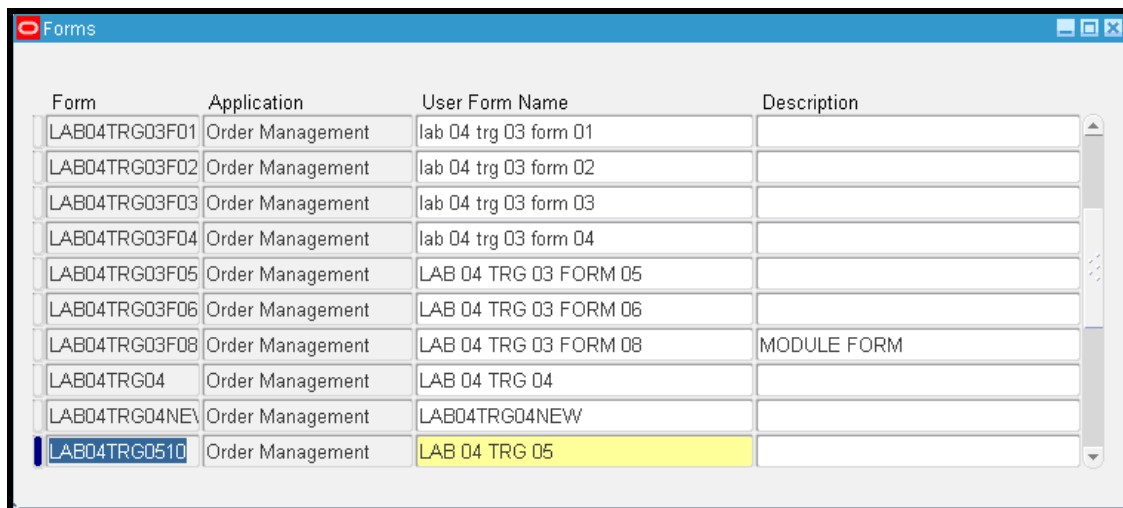
6.1: Registering form

Solution:

Step 1: Now Login to ORAPPS.

Go to application developer→application→forms

Fill the details in this screen and save.



Form	Application	User Form Name	Description
LAB04TRG03F01	Order Management	lab 04 trg 03 form 01	
LAB04TRG03F02	Order Management	lab 04 trg 03 form 02	
LAB04TRG03F03	Order Management	lab 04 trg 03 form 03	
LAB04TRG03F04	Order Management	lab 04 trg 03 form 04	
LAB04TRG03F05	Order Management	LAB 04 TRG 03 FORM 05	
LAB04TRG03F06	Order Management	LAB 04 TRG 03 FORM 06	
LAB04TRG03F08	Order Management	LAB 04 TRG 03 FORM 08	MODULE FORM
LAB04TRG04	Order Management	LAB 04 TRG 04	
LAB04TRG04NEW	Order Management	LAB04TRG04NEW	
LAB04TRG0510	Order Management	LAB 04 TRG 05	

Figure 20: Registering a form

Step 2: Application→ Function →Description

Fill the details and save.

Function	Type	Maintenance Mode Support	Context Dependence
XX_LAB04TRG03F02	Form	None	Responsibility
XX_LAB04TRG03F03	Form	None	Responsibility
XX_LAB04TRG03F04	Form	None	Responsibility
XX_LAB04TRG03F05	Form	None	Responsibility
XX_LAB04TRG03F06	Form	None	Responsibility
XX_LAB04TRG03F08	Form	None	Responsibility
XX_LAB04TRG04	Form	None	Responsibility
XX_LAB04TRG0510	Form	None	Responsibility
XX_LAB04TRG0604	Form	None	Responsibility

Figure 21: Providing details of properties

Function	Form	Application	Parameters
XX_LAB04TRG03F02	lab 04 trg 03 form 02	Order Management	
XX_LAB04TRG03F03	lab 04 trg 03 form 03	Order Management	
XX_LAB04TRG03F04	lab 04 trg 03 form 04	Order Management	
XX_LAB04TRG03F05	LAB 04 TRG 03 FORM 05	Order Management	
XX_LAB04TRG03F06	LAB 04 TRG 03 FORM 06	Order Management	
XX_LAB04TRG03F08	LAB 04 TRG 03 FORM 08	Order Management	
XX_LAB04TRG04	LAB 04 TRG 04	Order Management	
XX_LAB04TRG0510	LAB 04 TRG 05	Order Management	
XX_LAB04TRG0604	LAB 04 TRG 06 04	Order Management	

Figure 22: Providing details of function

Step 3: Application → Menu

Menu: TESTING [View Tree...](#)

User Menu Name: Testing

Menu Type:

Description:

Seq	Prompt	Submenu	Function	Description	Grant
40	Lab 04 trg 04		LAB 04 TRG 04		<input checked="" type="checkbox"/>
41	LAB 04 TRG 04 fr		LAB04TRG04NEW	form test	<input checked="" type="checkbox"/>
42	lab04trg04mod		lab04 trg04 mod	form	<input checked="" type="checkbox"/>
43	LAB04TRG04_MC		lab04trg04module		<input checked="" type="checkbox"/>
50	LAB04TRG0510		LAB 04 TRG 05		<input checked="" type="checkbox"/>
55	LAB 04 TRG 29 F		LAB04 TRG 29 F1	CREATED BY 29	<input checked="" type="checkbox"/>
59	PC		XX 25PRACF		<input checked="" type="checkbox"/>
60	LAB 04 TRG 06 0		LAB 04 TRG 06 04		<input checked="" type="checkbox"/>
61	LAB 04 TRG 06 0		LAB 04 TRG 06 04 AB		<input checked="" type="checkbox"/>
70	LAB 04 TRG 07		LAB 04 TRG 07 05		<input checked="" type="checkbox"/>

Figure 23: Attaching form to menu

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