

# EAS Oracle Apps

## Lab Book

## Document Revision History

Date	Revision No.	Author	Summary of Changes
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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

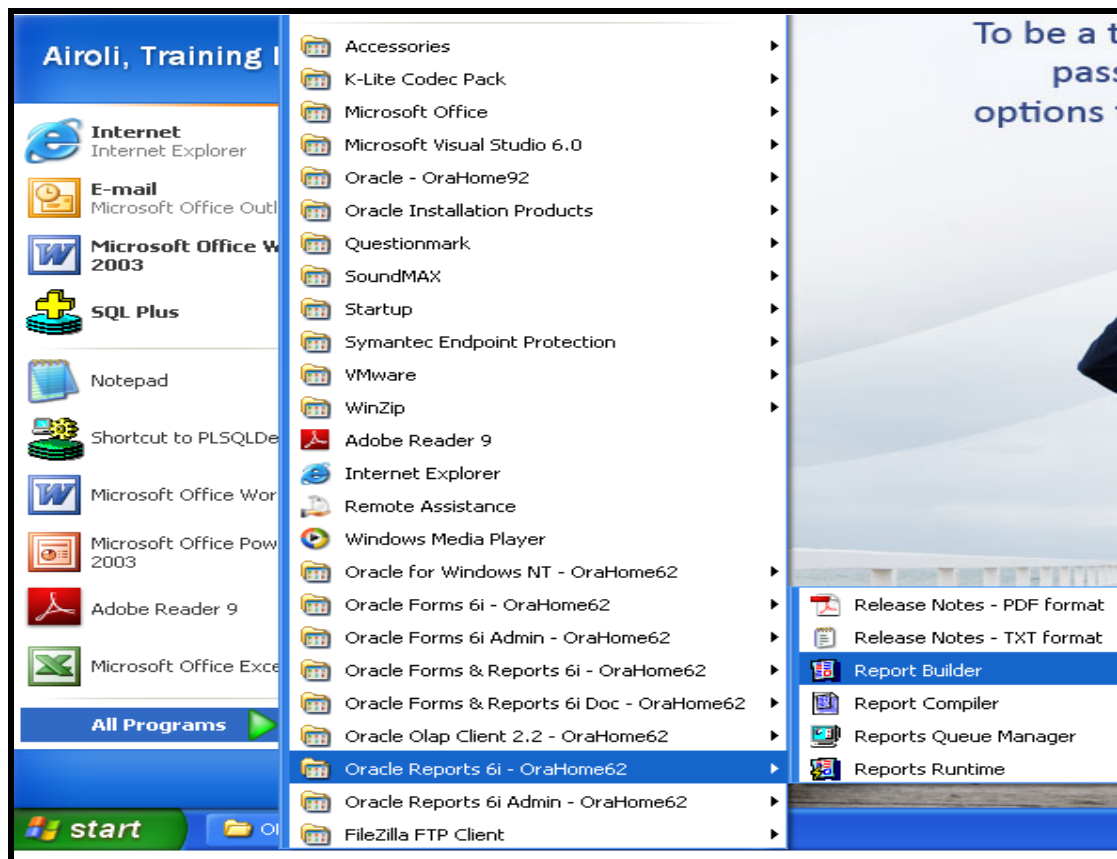
<b>Goals</b>	<ul style="list-style-type: none"> <li>To create report and upload it in Oracle Application server</li> </ul>
<b>Time</b>	

### 1.1: Create a report

#### Solution:

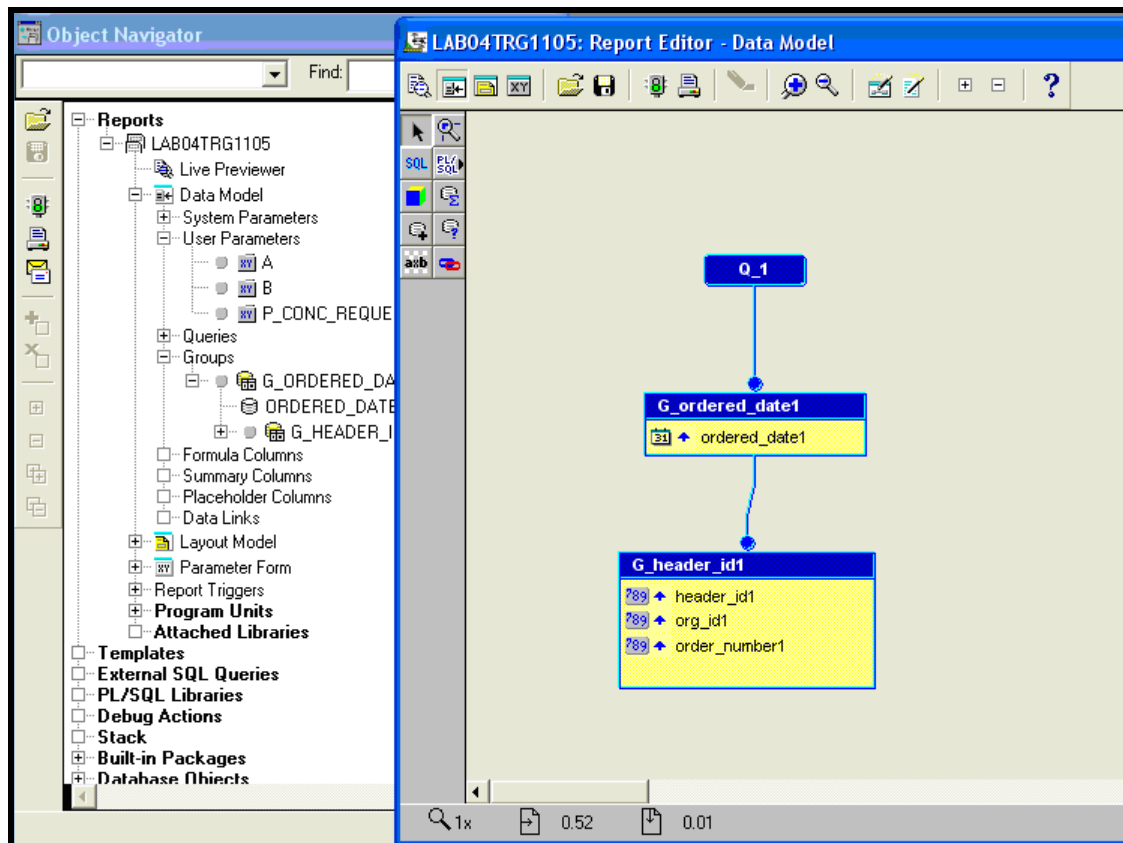
**Step 1: Start Report Builder** Open reports6i Application, by selecting

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

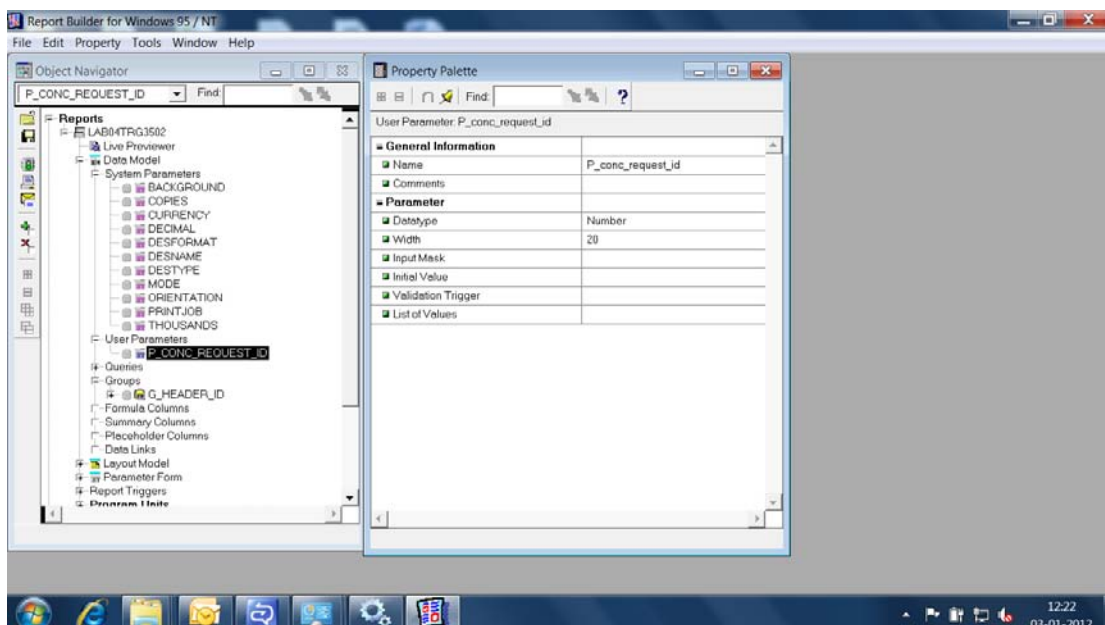


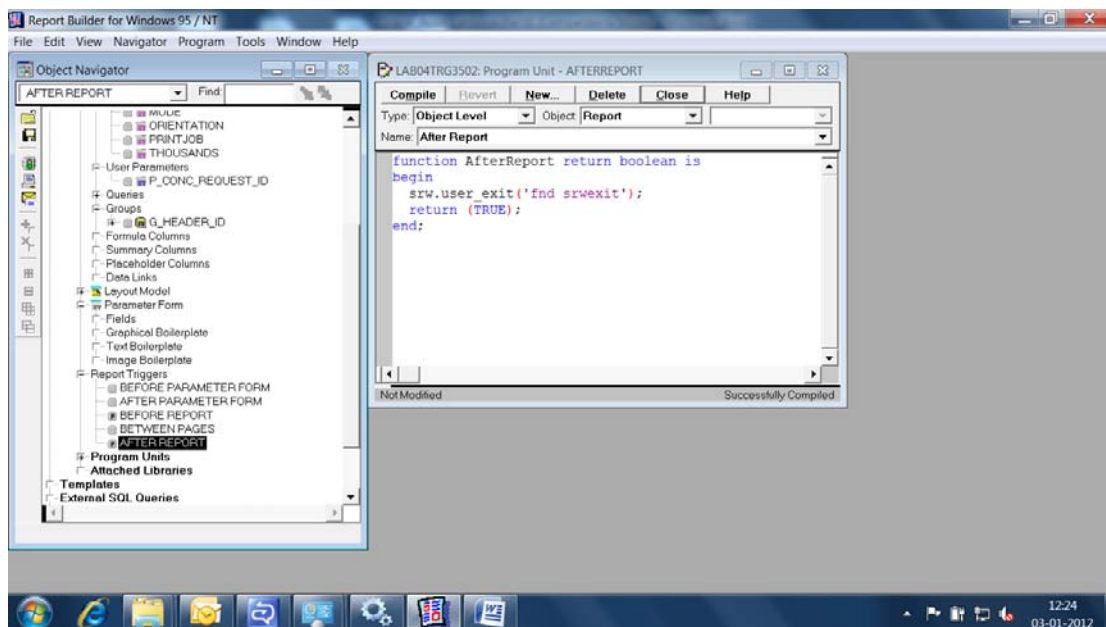
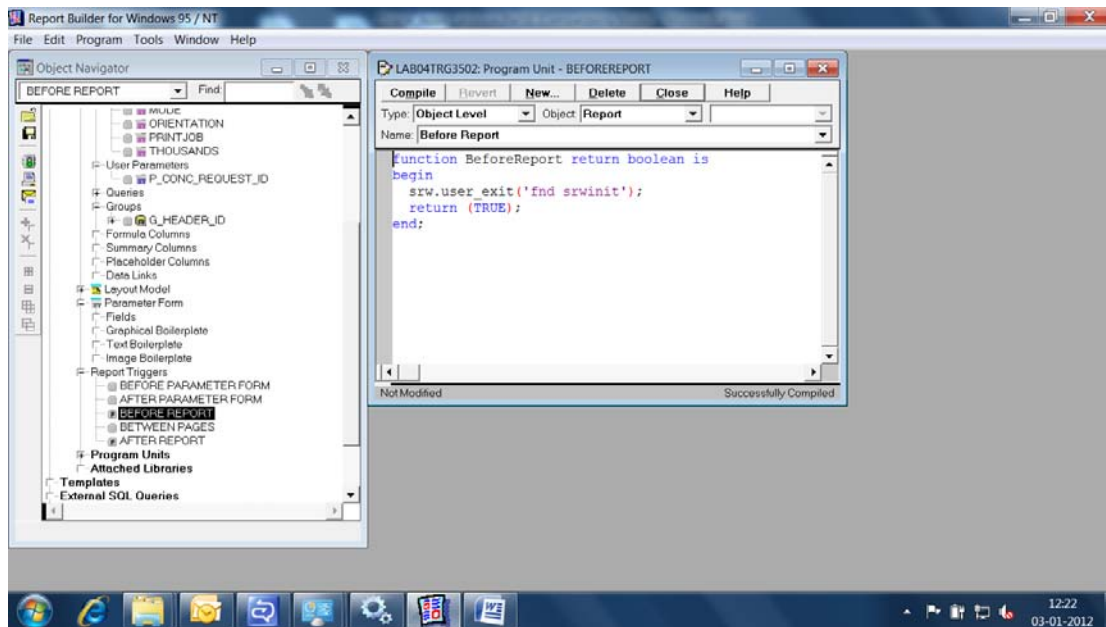
**Figure 1: Start Report Builder**

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

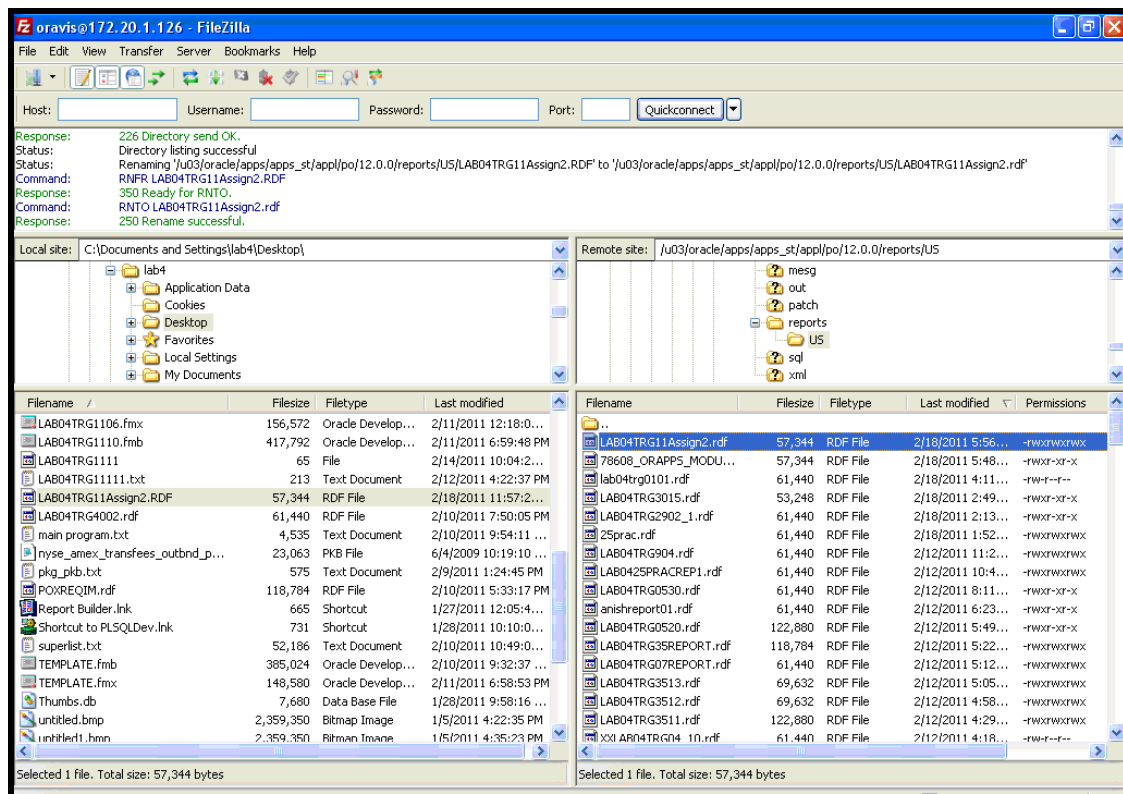


**Figure 2: Design the report**





### Step 3: Upload the file to CUSTOM\_TOP



**Figure 3: Upload the report on custom top**



## Lab 2. Registering report in Oracle Application

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

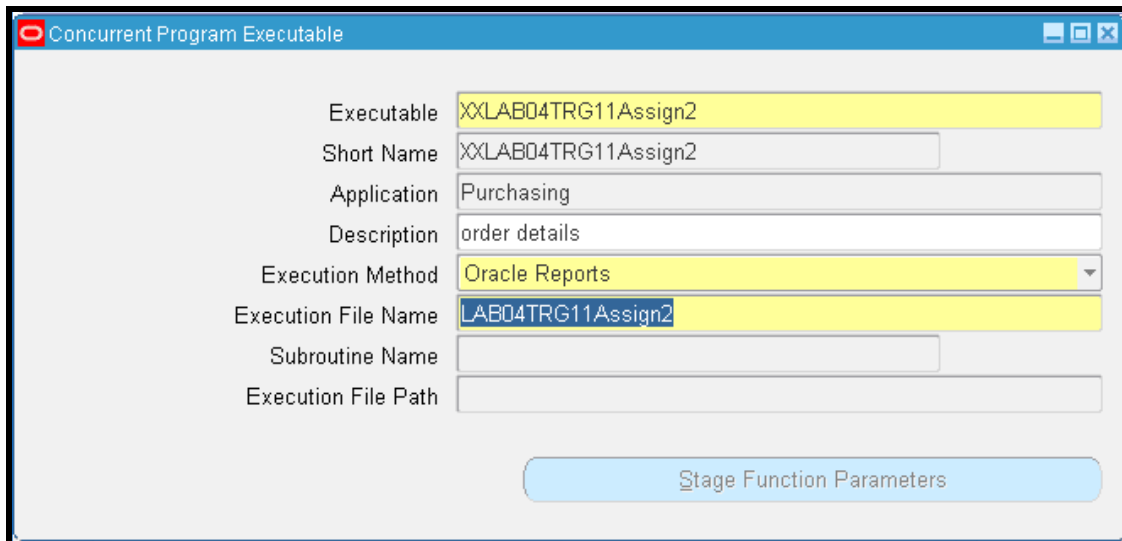
### 2.1: Registering report

#### Solution:

**Step 1:** Now Login to Oracle Application.

Go to Responsibility "Application developer"→Concurrent→Program

Register an executable in oracle applications, as follows

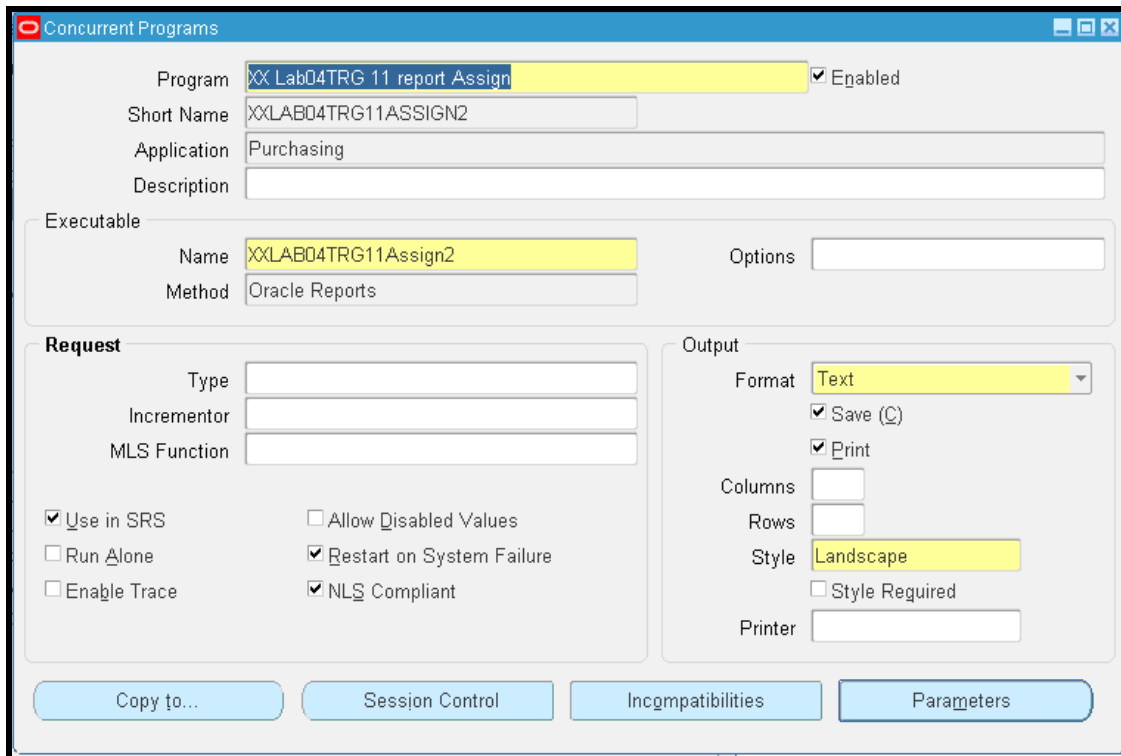


**Figure 4: Executable Registration**

**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 Options:

Method: Oracle Reports

**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

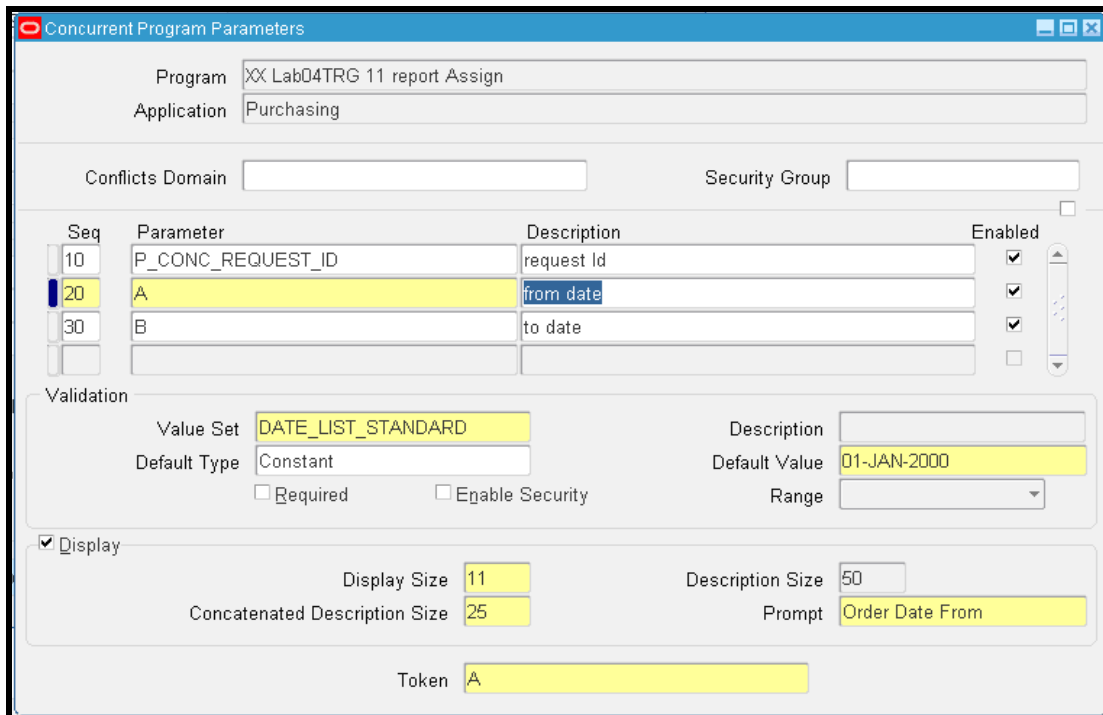
Printer:

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"/>
			<input type="checkbox"/>

**Validation**

Value Set: DATE\_LIST\_STANDARD Description:

Default Type: Constant Default Value: 01-JAN-2000

☐ Required ☐ Enable Security

Range:

☒ Display

Display Size: 11 Description Size: 50

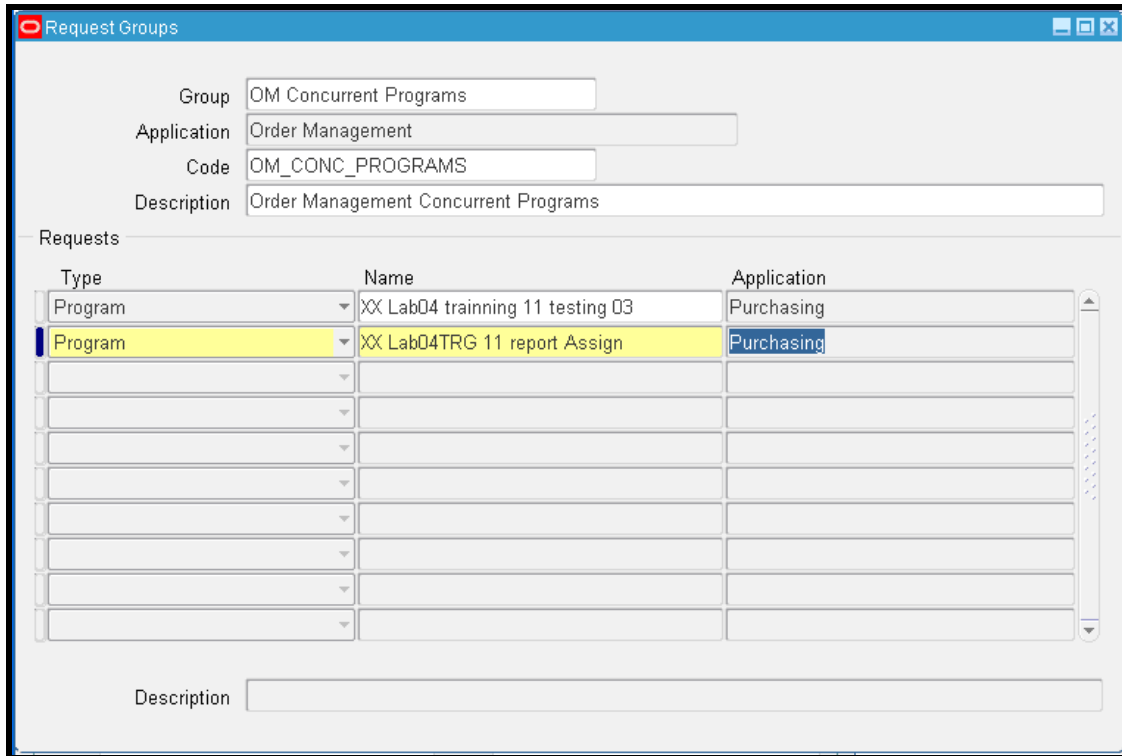
Concatenated Description Size: 25 Prompt: Order Date From

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

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

#### 3.1: Run Report

##### Solution:

**Step 1:** Now Login to Oracle Application.

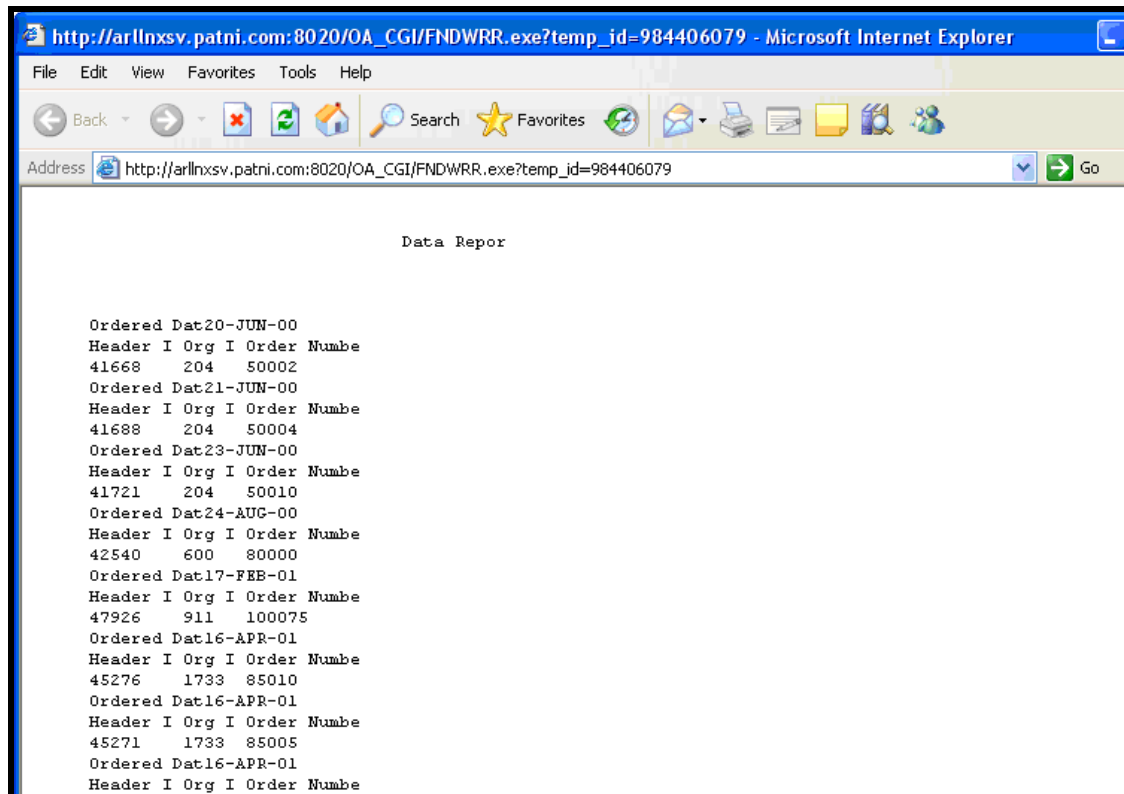
##### Run a request

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

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

### 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 lab04test_pkg
AS
  PROCEDURE lab04training (
    errbuf OUT VARCHAR2,
    retcode OUT NUMBER);
END lab04test_pkg;
/

CREATE OR REPLACE PACKAGE BODY lab04test_pkg
AS
  PROCEDURE lab04training (
    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 lab04training;
END lab04test_pkg;
/
  
```

Example 1: Sample Code

#### Step 2:

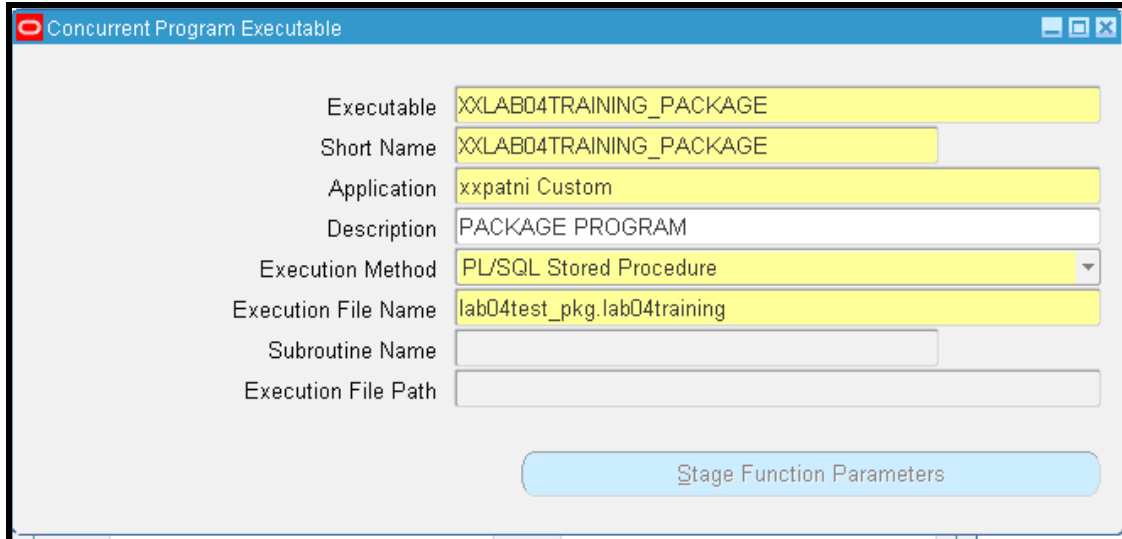
Make a program and attach executable

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 a window titled "Concurrent Program Executable" with the following fields:

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

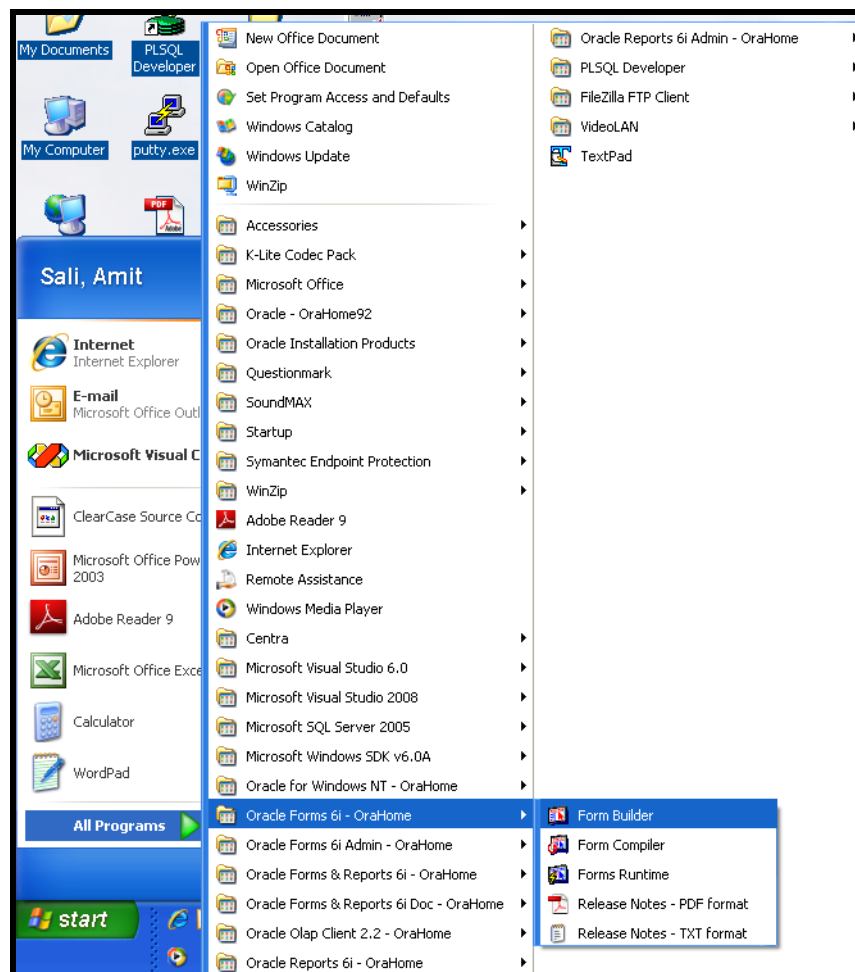
<b>Goals</b>	<ul style="list-style-type: none"> <li>To generate executable and upload form in Oracle Application</li> </ul>
<b>Time</b>	

### 5.1: Create a form using templet.fmb

#### Solution:

#### Step 1: Creating form:

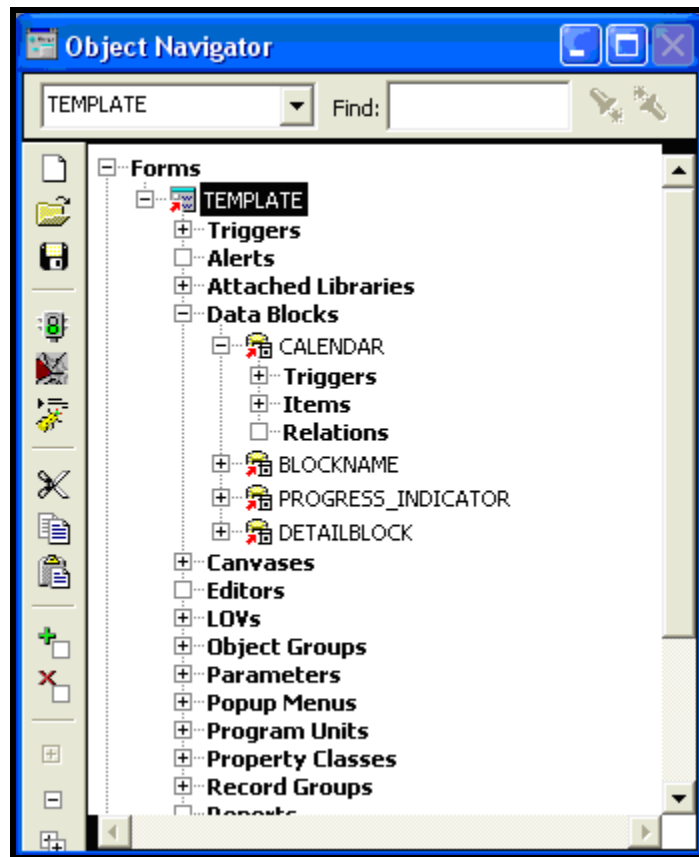
Open form 6i Application, by selecting **Start → Programs → Oracle Forms 6i – OraHome → Form Builder**.



**Figure 11: All Programs menu**

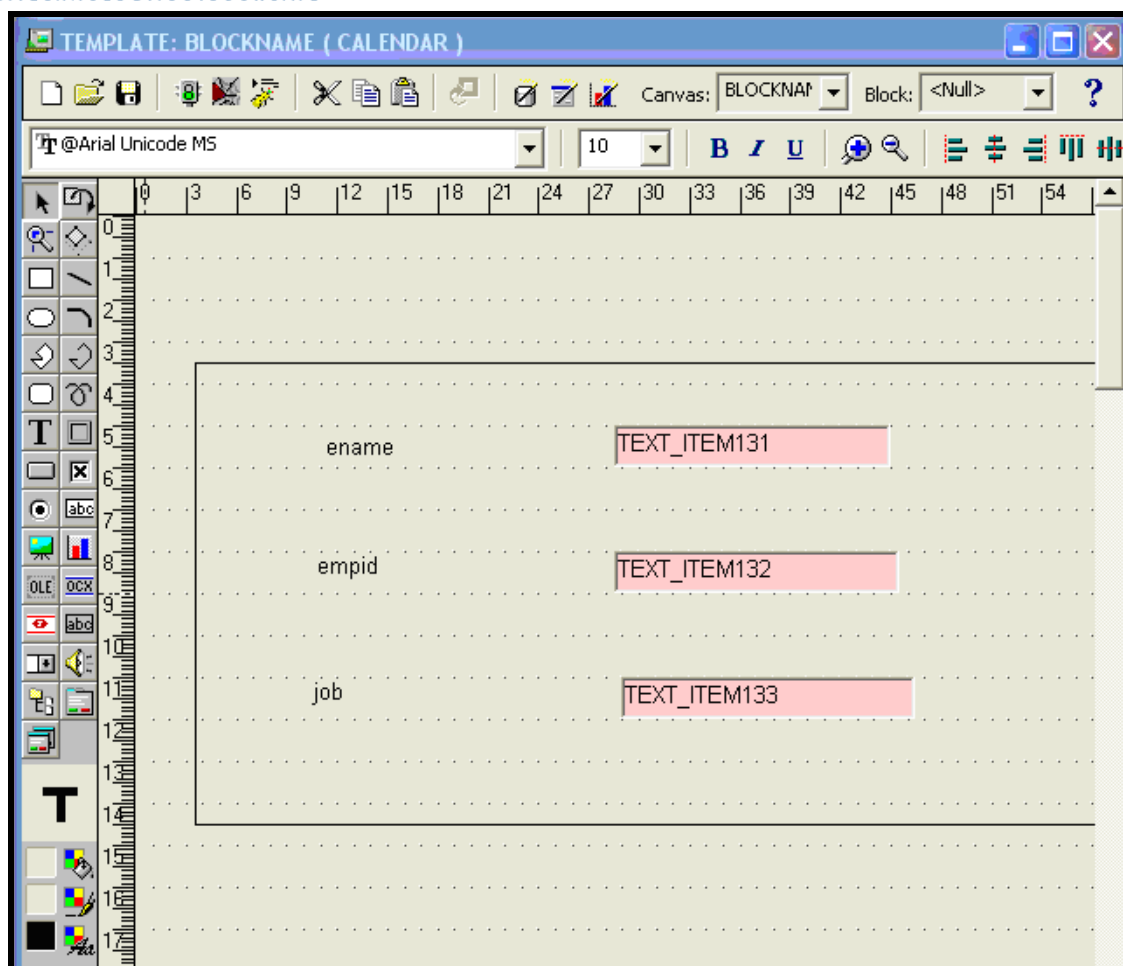
#### Step 2: In forms builder, open the template form:





**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.

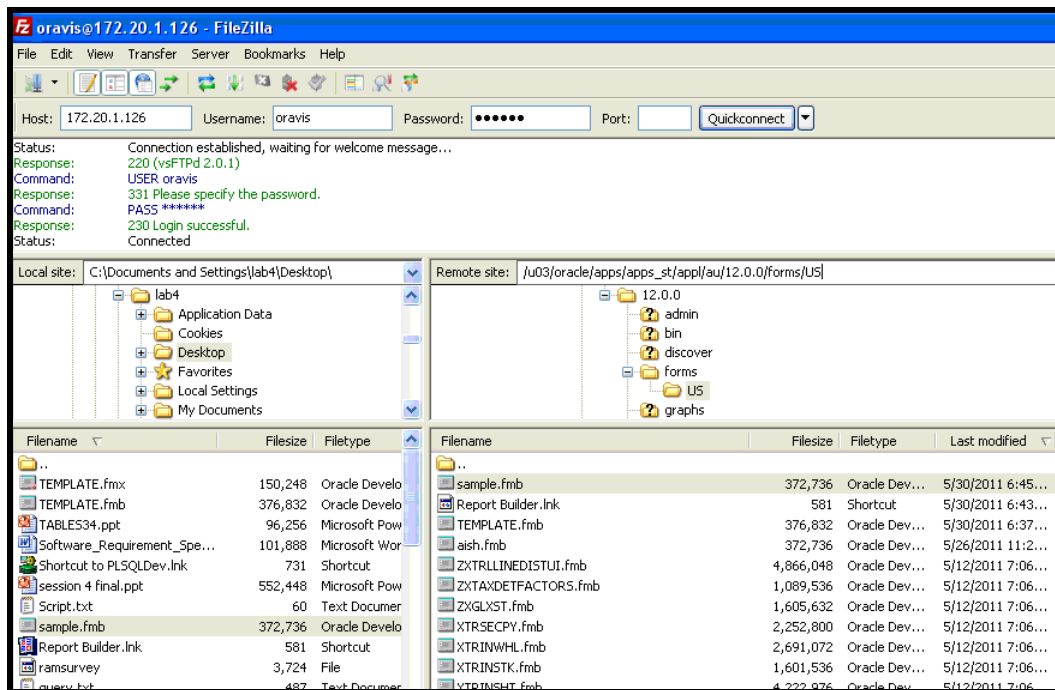


**Figure 13: Sample Form**

## 5.2: Upload it to CUSTOM\_TOP

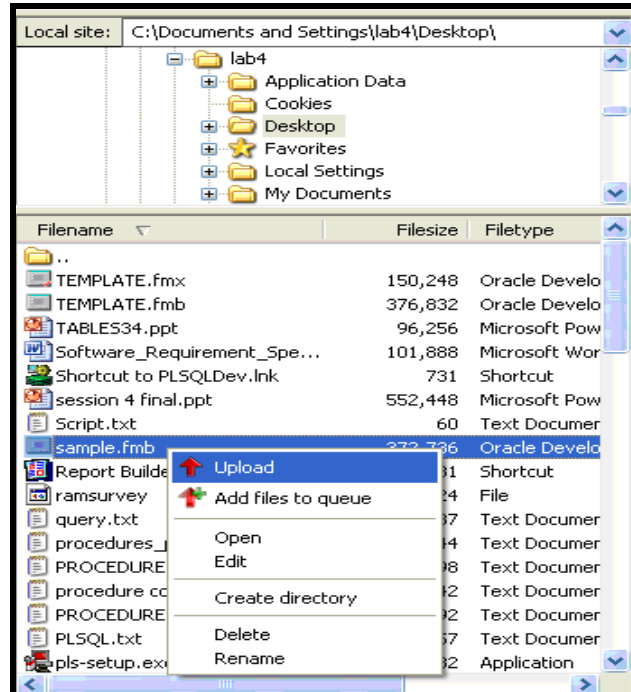
### Solution:

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



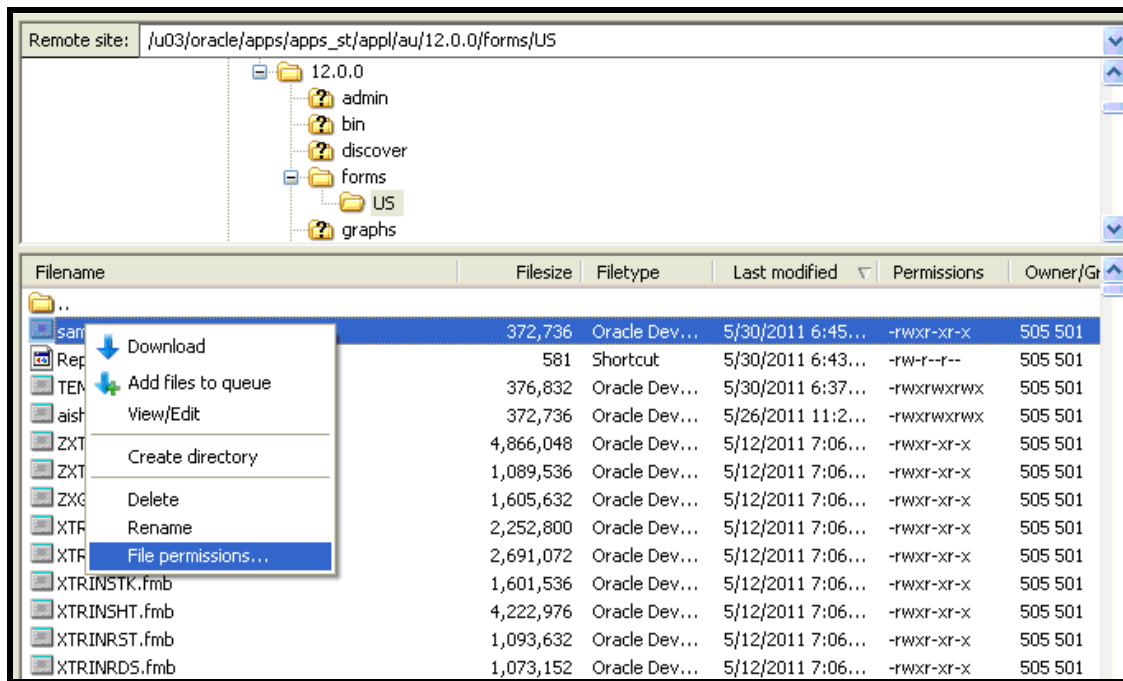
**Figure 14: Form Upload step 1**

**Step 2:** Upload the file to AU\_TOP and Set the file permission to 755.

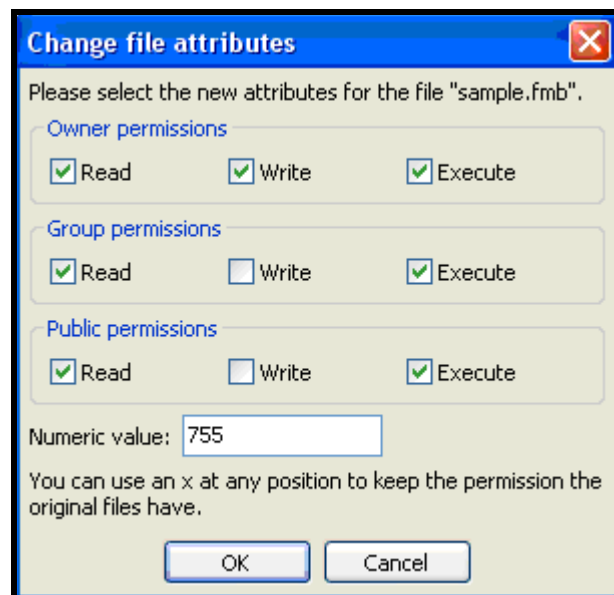


**Figure 15: Form Upload step 2**

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



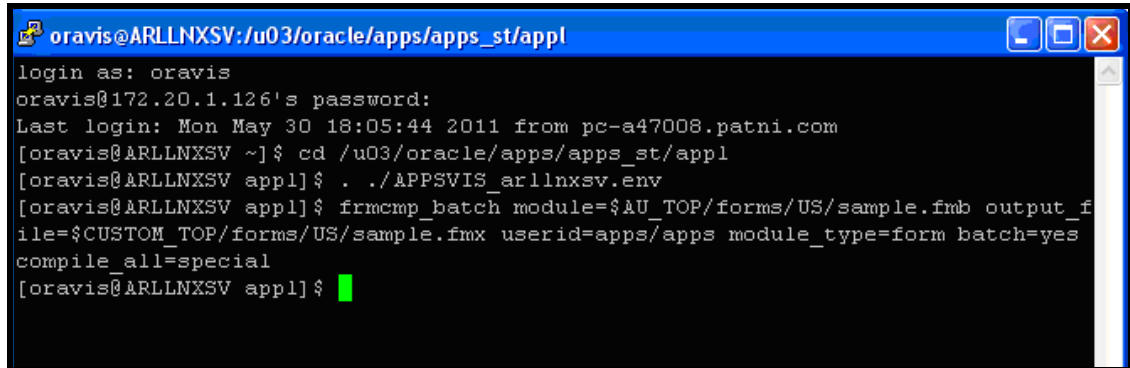
**Figure 16: Form Upload step 3**



**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**.

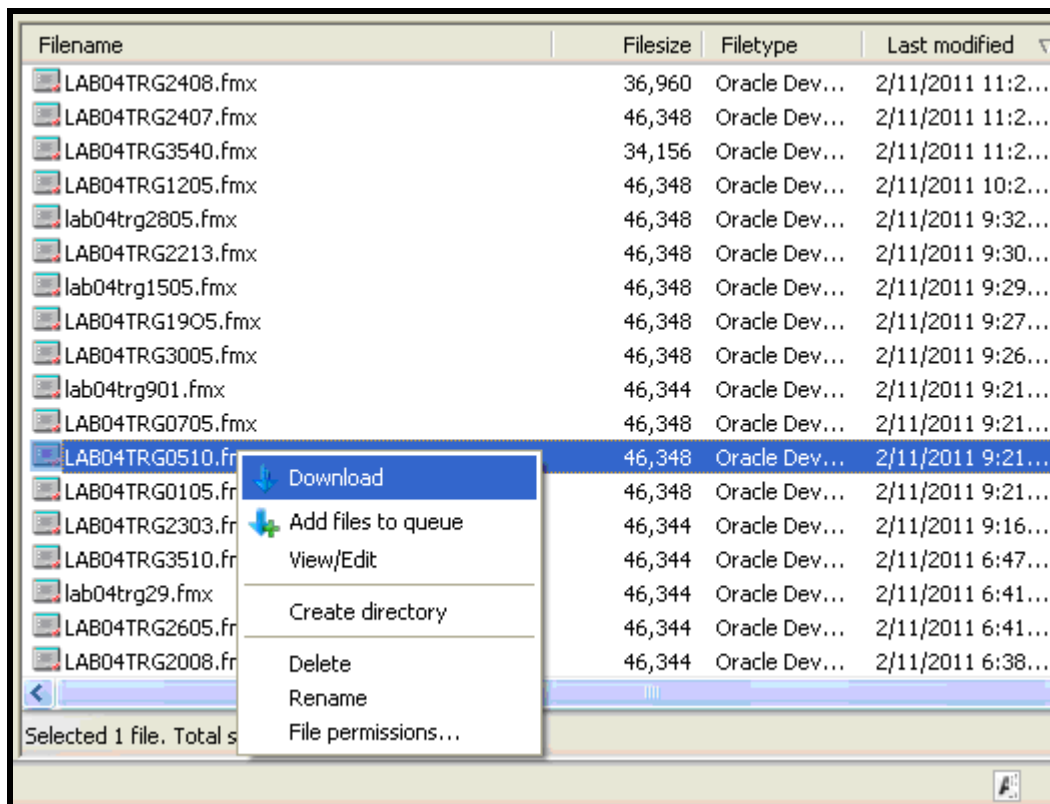


```

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 xxpathni custom and upload it in ONT\_TOP.



**Figure 19: Downloading form**

## Lab 6. Registering form in Oracle Application

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

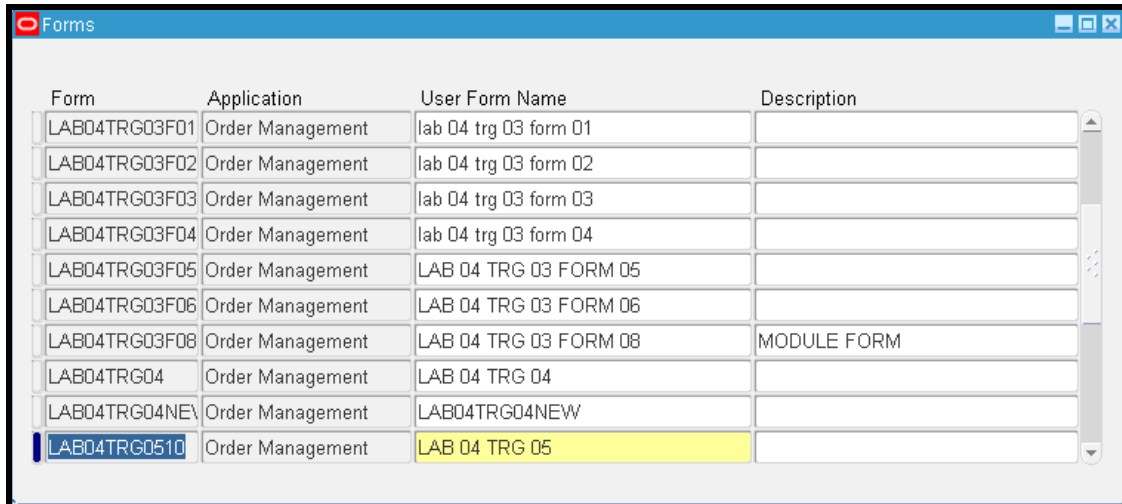
### 6.1: Registering form

#### 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.

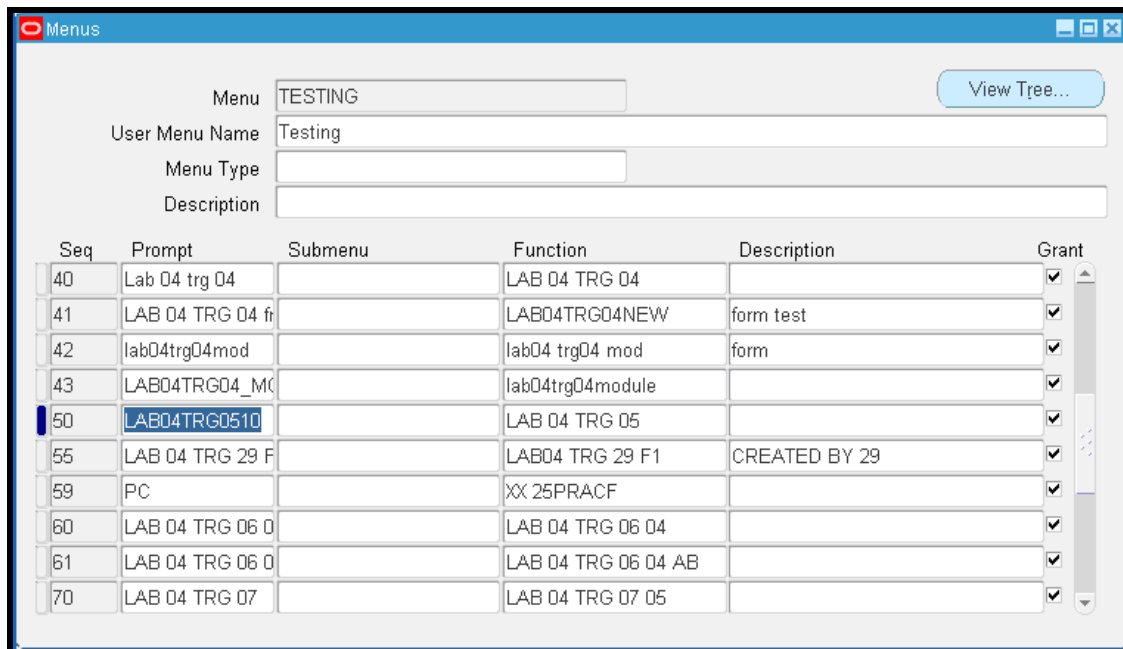
Function	Type	Maintenance Mode Support	Context Dependence
XX_LAB04TRG03F02	Form	None	Responsibility
XX_LAB04TRG03F03	Form	None	Responsibility
XX_LAB04TRG03F04	Form	None	Responsibility
XX_LAB04TRG03F05	Form	None	Responsibility
XX_LAB04TRG03F06	Form	None	Responsibility
XX_LAB04TRG03F08	Form	None	Responsibility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



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**



## Appendices

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