ASSIGNMENT 3

1. Write a procedure to display the data in XML format

Table : ra_customers

Fields : customer_id, customer_name,customer_number,status,customer_type,customer_category_code,tax_code

Note down your Concurrent Executable Full Name/ Short Name, Concurrent Program Full Name/ Short Name and Procedure Name

ANSWER:

```
CREATE OR REPLACE PROCEDURE XXCTS_RAJDEEP_CUSTOMER(ERRBUF OUT VARCHAR2,
RETCODE OUT

VARCHAR2)


is

cursor CUST_CUR

is

SELECT CUSTOMER_ID, CUSTOMER_NAME, CUSTOMER_NUMBER, STATUS, CUSTOMER_TYPE,
CUSTOMER_CATEGORY_CODE, TAX_CODE

FROM RA_CUSTOMERS WHERE CUSTOMER_ID BETWEEN 1281 AND 1285;


CUST_REC CUST_CUR%ROWTYPE;
```

```
V_ERROR_CODE NUMBER;

V_ERR_MESSAGE VARCHAR2(200);

BEGIN

OPEN CUST_CUR;

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<?xml version="1.0"?>');

FND_FILE.PUT_LINE(fnd_file.output,'<CustomersRoot>');

LOOP


FETCH CUST_CUR

INTO CUST_REC;


EXIT WHEN CUST_CUR%NOTFOUND;

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<CUSTOMERS>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<CUSTOMER_ID>' || CUST_REC.CUSTOMER_ID ||
'</CUSTOMER_ID>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<CUSTOMER_NAME>' || CUST_REC.CUSTOMER_NAME
|| '</CUSTOMER_NAME>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<CUSTOMER_NUMBER>'||
CUST_REC.CUSTOMER_NUMBER || '</CUSTOMER_NUMBER>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<STATUS>'|| CUST_REC.STATUS || '</STATUS>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<CUSTOMER_TYPE>'|| CUST_REC.CUSTOMER_TYPE ||
'</CUSTOMER_TYPE>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<CUSTOMER_CATEGORY_CODE>' ||
CUST_REC.CUSTOMER_CATEGORY_CODE || '</CUSTOMER_CATEGORY_CODE>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<TAX_CODE>' || CUST_REC.TAX_CODE ||
'</TAX_CODE>');
```

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'</CUSTOMERS>');

END LOOP;

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'</CustomersRoot>');

CLOSE CUST_CUR;

EXCEPTION

WHEN OTHERS THEN

V_ERROR_CODE := SQLCODE;

V_ERR_MESSAGE := SUBSTR(SQLERRM,1,200);

FND_FILE.PUT_LINE(FND_FILE.LOG, 'Error Code :' || V_ERROR_CODE);

FND_FILE.PUT_LINE(FND_FILE.LOG,'Error Message :' || V_ERR_MESSAGE);

end;

STEPS TO PROCEED:

Step 1: Navigate to Concurrent and then Program then Executable

Step 2: Concurrent then Program then Define

Concurrent Programs

Program	Procedure : Display Customers Program : Rajdeep	☑ Enabled
Short Name	XXCTS_RAJDEEP_CUSTOMER_PRG	
Application	Purchasing	
Description		

Executable

Name	XXCTS_RAJDEEP_CUSTOMER_EXEC	Options	
Method	PL/SQL Stored Procedure	Priority	

Request

Type	
Incrementor	
MLS Function	
Operating Unit Mode	

☑ Use in SRS   ☐ Allow Disabled Values

☐ Run Alone   ☑ Restart on System Failure

☐ Enable Trace   ☑ NLS Compliant

☐ Recalculate Default Parameters

Output

Format	XML ▼

☑ Save (C)

☑ Print

Columns	
Rows	
Style	

☐ Style Required

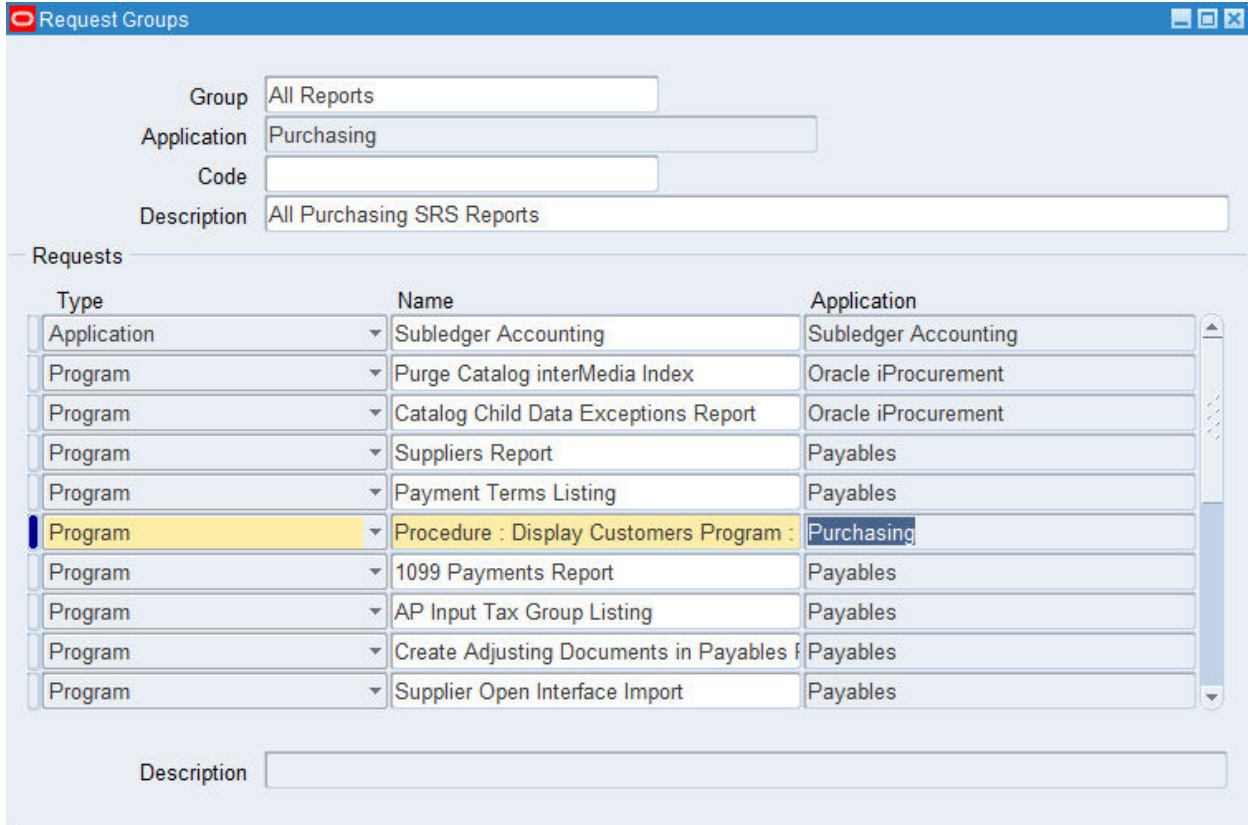| Printer	

☐ Disable URL Security

Business Events

☐ Request Submitted (Y)   ☐ Request Running   ☐ Post Processing Ended

☐ Request On Hold   ☐ Program Completed   ☐ Request Completed (Z)

☐ Request Resumed   ☐ Post Processing Started

Copy to...   Session Control   Incompatibilities   Parameters (G)

Step 3: Security then Responsibility then Request

Step 4: Switching to the Responsibility and choosing Purchasing Resp Rajdeep.

Step 5: Going to View-> Requests and submitting a request and then applied the concurrent program name and then submitted.
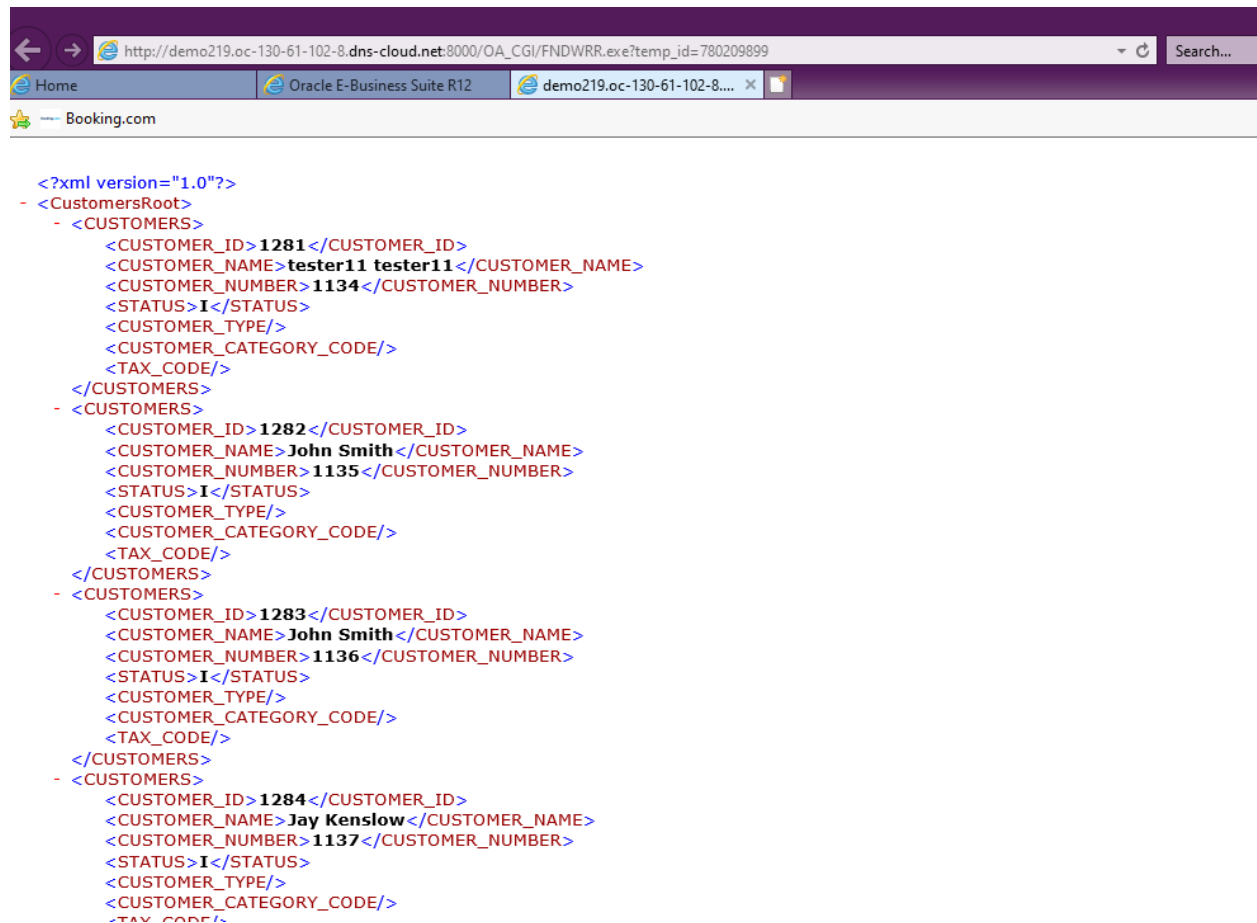
Step 6: Click on View Output:

XML OUTPUT:


```
<?xml version="1.0"?>
- <CustomersRoot>
    - <CUSTOMERS>
        <CUSTOMER_ID>1281</CUSTOMER_ID>
        <CUSTOMER_NAME>tester11 tester11</CUSTOMER_NAME>
        <CUSTOMER_NUMBER>1134</CUSTOMER_NUMBER>
        <STATUS>I</STATUS>
        <CUSTOMER_TYPE/>
        <CUSTOMER_CATEGORY_CODE/>
        <TAX_CODE/>
    </CUSTOMERS>
    - <CUSTOMERS>
        <CUSTOMER_ID>1282</CUSTOMER_ID>
        <CUSTOMER_NAME>John Smith</CUSTOMER_NAME>
        <CUSTOMER_NUMBER>1135</CUSTOMER_NUMBER>
        <STATUS>I</STATUS>
        <CUSTOMER_TYPE/>
        <CUSTOMER_CATEGORY_CODE/>
        <TAX_CODE/>
    </CUSTOMERS>
    - <CUSTOMERS>
        <CUSTOMER_ID>1283</CUSTOMER_ID>
        <CUSTOMER_NAME>John Smith</CUSTOMER_NAME>
        <CUSTOMER_NUMBER>1136</CUSTOMER_NUMBER>
        <STATUS>I</STATUS>
        <CUSTOMER_TYPE/>
        <CUSTOMER_CATEGORY_CODE/>
        <TAX_CODE/>
    </CUSTOMERS>
    - <CUSTOMERS>
        <CUSTOMER_ID>1284</CUSTOMER_ID>
        <CUSTOMER_NAME>Jay Kenslow</CUSTOMER_NAME>
        <CUSTOMER_NUMBER>1137</CUSTOMER_NUMBER>
        <STATUS>I</STATUS>
        <CUSTOMER_TYPE/>
        <CUSTOMER_CATEGORY_CODE/>
```

Step 7: Saved the XML file with .xml extension

Step 8: Created a word document file.

Step 9: Clicked on BI Publisher tab on menu bar.

Step 10: Click on Sample XML option and uploaded that XML file

Step 11: Clicked on Table Wizard option on the Menu bar.

Step 12: In the Table Wizard Dialogue box, go to next, then next again and then add all the XML Attribute fields from left list to the right list. Click on Next then click on next again. In the last step I have chosen CUSTOMER_ID under the Sort (In Ascending) option and click on Finish Button below.

Step 12: Now I right-clicked on the 'F' above the CUSTOMER_ID tag in the table, go to the BI Publisher--> Properties option,

Step 13: In the coming dialogue box, click on 'Advanced' tab, copy the text showing the white field and close the dialogue box. Again right click on 'F' and then go to the only 'Properties' option and then in the coming dialogue box click on 'Word Properties' button blow. In the next coming dialogue box, click on 'Add Help Text' button below. Paste the copied text under the 'Status' bar and click on OK.

(Only for F, change the label text as "FOR LOOP")

Step 14: Repeating this process for every tags in that table.

(As same as like F, change the label of the E as "END LOOP" in the last tag)

Step 15: Saved the File as 'CUSTOMER INFORMATION REPORT.rtf'

CUSTOMER INFORMATION REPORT

Customer Id	Customer Name	Customer Number	Status	Customer Type	Customer Category Code	Tax Code
FOR LOOP CUSTOMER_ID	CUSTOMER_NAME	CUSTOMER_NUMBER	STATUS	CUSTOMER_TYPE	CUSTOMER_CATEGORY_CODE	TAX_CODE END LOOP

Step 16: Clicked on PDF on the BI Publisher tab and saved it,

Step 17: In Oracle EBS Java Application, Switch to the Responsibility option below the menu bar. I have chosen XML Publisher Administrator option there and click OK.

Step 18: Clicked on the Home option and there clicked on Data Definition option.

Step 19: A New tab will be opened on the Internet Explorer.

Step 20: Clicked on the 'Create Data Definition' in the right side.

Data Definitions

Personalize "Search"

Search

Name	Code
Application	Active Yes

Go

Personalize Table Layout: (RsultsRn)

Create Data Definition

Personalize "This table is for displaying data ..."

...

Name	Application	Start Date	End Date	Update
No search conducted.				

Table Diagnostics

Diagnostic Console

Home | Oracle E-Business Suite R12 | Create Data Definition | demo219.oc-130-61-102-8.dns...

— Booking.com

ORACLE XML Publisher

Logged In As **XXCTS_RAJDEEP**

Templates | **Data Definitions** | Administration

Data Definitions >
Create Data Definition

Start Date and End Date define when the Data Definition is active. Only active Data Definitions can be used to create new Templates. The Name can be translated while the Code is identical for all languages.

General

Personalize "General"
Personalize Stack Layout: (GeneralStackRn)
Personalize Table Layout: (ButtonsTable)

Cancel | Apply

* Name	XXCTS_RAJDEEP_DD	* Code	XXCTS_RAJDEEP_CUS
* Application	Purchasing	* Start Date	07-Jun-2022
End Date			
Description			

Diagnostic Console

Step 21: Given the Data Definition name as 'XXCTS_RAJDEEP_DD'.

Step 22: Chosen the Application as 'Purchasing' option.

Step 23: In the Code, given the Short Concurrent name of the process as XXCTS_RAJDEEP_CUSTOMER_PRG.

Step 24: Create Apply.

Step 25: Go to the Templates tab above and click on Create Template in the right hand.

Step 26: Given the template name as 'XXCTS_RAJDEEP_TT'. Application as Purchasing, Code name is the same Concurrent name of the Procedure i.e. XXCTS_RAJDEEP_CUSTOMER_PRG.

Step 27: Choose the file type as 'RTF'. Default Output Type as PDF.

Step 28: Under the Template File section, browse the path of the recently made .rtf file. Choose the Language as English. Choose the Territory as United States. Click on Apply button.

Step 29: Gone to the Oracle EBS Java Application and switch to the Responsibility. I have chosen Purchase Resp Rajdeep.

Step 30: Click to the View option in the menu bar and then click on Requests option there in the dropdown.

Step 31: Click on the Submit a New Request. Then I have mentioned the Concurrent Name of the Procedure.

Step 32: Clicked on Submit button and then clicked on No. Clicked on Find Button and clicked on View Output and received the .rtf in pdf format filled with XML data on the Internet Explorer successfully.

CUSTOMER INFORMATION REPORT

Customer Id	Customer Name	Customer Number	Status	Customer Type	Customer Category Code	Tax Code
1281	tester11 tester11	1134	!			
1282	John Smith	1135	!			

-------------------------------------END of Question 1---

Q2. Write a procedure to display all the Responsibilities attached to a specific USER

Table : Fnd_user_resp_groups_direct

applsys.fnd_user

applsys.fnd_responsibility_tl

applsys.fnd_responsibility

applsys.fnd_application_tl

applsys.fnd_application

Fields :

user_name ,responsibility_name,start_date,end_date,responsibility_key,application

ANSWER:

```
CREATE OR REPLACE PROCEDURE XXCTS_RAJDEEP_RESP(ERRBUF OUT VARCHAR2, RETCODE
OUT

VARCHAR2)

IS

CURSOR RESP_CUR

IS

SELECT DISTINCT

    FRT.RESPONSIBILITY_NAME,

    FU.USER_NAME,

    FURG.START_DATE,

    FURG.END_DATE,

    FR.RESPONSIBILITY_KEY,

    FAT.APPLICATION_NAME

FROM

    FND_USER_RESP_GROUPS_DIRECT FURG,
```

```
    APPLSYS.FND_USER FU,

    APPLSYS.FND_RESPONSIBILITY_TL FRT,

    APPLSYS.FND_RESPONSIBILITY FR,

    APPLSYS.FND_APPLICATION_TL FAT,

    APPLSYS.FND_APPLICATION FA
WHERE

    FURG.USER_ID = FU.USER_ID

    AND

    FURG.RESPONSIBILITY_ID = FRT.RESPONSIBILITY_ID

    AND

    FA.APPLICATION_ID = FAT.APPLICATION_ID

    AND

    FRT.APPLICATION_ID = FAT.APPLICATION_ID

    AND

    FU.USER_NAME = 'XXCTS_RAJDEEP'

    AND

    FR.RESPONSIBILITY_KEY = 'XXCTS_RAJDEEP_RESP_MAY22'


ORDER BY FRT.RESPONSIBILITY_NAME;


RESP_REC RESP_CUR%ROWTYPE;


V_ERROR_CODE NUMBER;

V_ERR_MESSAGE VARCHAR2(200);
```

```
BEGIN

OPEN RESP_CUR;

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<?xml version="1.0"?>');

FND_FILE.PUT_LINE(fnd_file.output,'<RespRoot>');

LOOP


FETCH RESP_CUR

INTO RESP_REC;


EXIT WHEN RESP_CUR%NOTFOUND;

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<RESP>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<RESPONSIBILITY_NAME>' ||
RESP_REC.RESPONSIBILITY_NAME || '</RESPONSIBILITY_NAME>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<USER_NAME>' || RESP_REC.USER_NAME ||
'</USER_NAME>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<START_DATE>'|| RESP_REC.START_DATE ||
'</START_DATE>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<END_DATE>'|| RESP_REC.END_DATE ||
'</END_DATE>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<RESPONSIBILITY_KEY>'||
RESP_REC.RESPONSIBILITY_KEY || '</RESPONSIBILITY_KEY>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<APPLICATION_NAME>'||
RESP_REC.APPLICATION_NAME || '</APPLICATION_NAME>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'</RESP>');

END LOOP;
```

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'</RespRoot>');

CLOSE RESP_CUR;

EXCEPTION

WHEN OTHERS THEN

V_ERROR_CODE := SQLCODE;

V_ERR_MESSAGE := SUBSTR(SQLERRM,1,200);
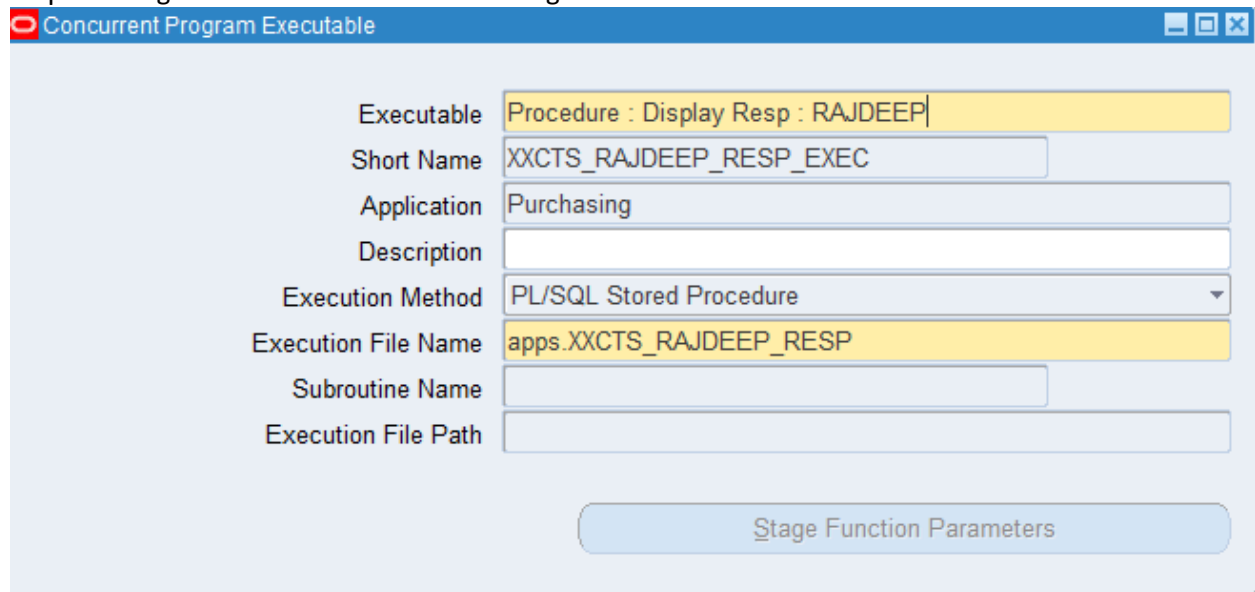
FND_FILE.PUT_LINE(FND_FILE.LOG, 'Error Code :' || V_ERROR_CODE);

FND_FILE.PUT_LINE(FND_FILE.LOG,'Error Message :' || V_ERR_MESSAGE);

END;

STEPS TO PROCEED:

Step 1: Navigate to Concurrent and then Program then Executable

Step 2: Concurrent then Program then Define

Step 3: Security then Responsibility then Request

Step 4: Switch to Responsibility and then choose Purchasing (Purchase Resp Rajdeeep)

Step 5: Go to View then Requests then Submit a request. Give the Program name then submit and find.

Here is the XML Output

```
<?xml version="1.0"?>
- <RespRoot>
  - <RESP>
      <RESPONSIBILITY_NAME>Application Developer</RESPONSIBILITY_NAME>
      <USER_NAME>XXCTS_RAJDEEP</USER_NAME>
      <START_DATE>31-MAY-22</START_DATE>
      <END_DATE/>
      <RESPONSIBILITY_KEY>XXCTS_RAJDEEP_RESP_MAY22</RESPONSIBILITY_KEY>
      <APPLICATION_NAME>Application Object Library</APPLICATION_NAME>
    </RESP>
  - <RESP>
      <RESPONSIBILITY_NAME>General Ledger, Vision Operations (USA)</RESPONSIBILITY_NAME>
      <USER_NAME>XXCTS_RAJDEEP</USER_NAME>
      <START_DATE>31-MAY-22</START_DATE>
      <END_DATE/>
      <RESPONSIBILITY_KEY>XXCTS_RAJDEEP_RESP_MAY22</RESPONSIBILITY_KEY>
      <APPLICATION_NAME>General Ledger</APPLICATION_NAME>
    </RESP>
  - <RESP>
      <RESPONSIBILITY_NAME>HRMS Management</RESPONSIBILITY_NAME>
      <USER_NAME>XXCTS_RAJDEEP</USER_NAME>
      <START_DATE>31-MAY-22</START_DATE>
      <END_DATE/>
      <RESPONSIBILITY_KEY>XXCTS_RAJDEEP_RESP_MAY22</RESPONSIBILITY_KEY>
      <APPLICATION_NAME>Human Resources</APPLICATION_NAME>
    </RESP>
  - <RESP>
      <RESPONSIBILITY_NAME>HRMS Management</RESPONSIBILITY_NAME>
      <USER_NAME>XXCTS_RAJDEEP</USER_NAME>
      <START_DATE>31-MAY-22</START_DATE>
      <END_DATE/>
      <RESPONSIBILITY_KEY>XXCTS_RAJDEEP_RESP_MAY22</RESPONSIBILITY_KEY>
      <APPLICATION_NAME>HR</APPLICATION_NAME>
    </RESP>
```

Step 7: Saved the XML file with .xml extension

Step 8: Created a word document file.

Step 9: Clicked on BI Publisher tab on menu bar.

Step 10: Click on Sample XML option and uploaded that XML file

Step 11: Clicked on Table Wizard option on the Menu bar.

Step 12: In the Table Wizard Dialogue box, go to next, then next again and then add all the XML Attribute fields from left list to the right list. Click on Next then click on next again. In the last step I have chosen RESPONSIBILITY_NAME under the Sort (In Ascending) option and click on Finish Button below.

Step 12: Now I right-clicked on the 'F' above the RESPONSIBILITY_NAME tag in the table, go to the BI Publisher--> Properties option,

Step 13: In the coming dialogue box, click on 'Advanced' tab, copy the text showing the white field and close the dialogue box. Again right click on 'F' and then go to the only 'Properties' option and then in the coming dialogue box click on 'Word Properties' button blow. In the next coming dialogue box, click on 'Add Help Text' button below. Paste the copied text under the 'Status' bar and click on OK.

(Only for F, change the label text as "FOR LOOP")

Step 14: Repeating this process for every tags in that table.

(As same as like F, change the label of the E as "END LOOP" in the last tag)

Step 15: Saved the File as 'Attached Responsibility Report.rtf'

Attached Responsibility Report

Responsibility Name	User Name	Start Date	End Date	Responsibility Key	Application Name
FOR LOOP RESPONSIBILITY_NAME	USER_NAME	START_DATE	END_DATE	RESPONSIBILITY_KEY	APPLICATION_NAME END LOOP

Step 16: Clicked on PDF on the BI Publisher tab and saved it,

Step 17: In Oracle EBS Java Application, Switch to the Responsibility option below the menu bar. I have chosen XML Publisher Administrator option there and click OK.

Step 18: Clicked on the Home option and there clicked on Data Definition option.

Step 19: A New tab will be opened on the Internet Explorer.

Step 20: Clicked on the 'Create Data Definition' in the right side.

Step 21: Given the Data Definition name as 'XXCTS_RAJDEEP_RESP_DD'.

Step 22: Chosen the Application as 'Purchasing' option.

Step 23: In the Code, given the Short Concurrent name of the process as XXCTS_RAJDEEP_RESP_PRG.

Step 24: Create Apply.

View Data Definition: XXCTS_RAJDEEP_RESP_DD

General

Personalize "General"
Personalize Stack Layout: (GeneralStackRn)
Personalize Table Layout: (ButtonsTable)

Update | Edit Configuration

Name XXCTS_RAJDEEP_RESP_DD   Code XXCTS_RAJDEEP_RESP_PRG
Application Purchasing   Start Date 07-Jun-2022
End Date

Description

Files

Step 25: Go to the Templates tab above and click on Create Template in the right hand.

Step 26: Given the template name as 'XXCTS_RAJDEEP_RESP_TT'. Application as Purchasing, Code name is the same Concurrent name of the Procedure i.e. XXCTS_RAJDEEP_RESP_PRG.

Step 27: Choose the file type as 'RTF'. Default Output Type as PDF.

Step 28: Under the Template File section, browse the path of the recently made .rtf file. Choose the Language as English. Choose the Territory as United States. Click on Apply button.

Templates >

Confirmation
Template XXCTS_RAJDEEP_RESP_TT has been successfully created.

View Template: XXCTS_RAJDEEP_RESP_TT

General

Personalize "General"
Personalize "General Information"
Personalize Table Layout: (UpdateButtonRn)

Update | Edit Configuration

Name XXCTS_RAJDEEP_RESP_TT   Code XXCTS_RAJDEEP_RESP_PRG
Application Purchasing   Data Definition XXCTS_RAJDEEP_RESP_DD
Type RTF   Start Date 07-Jun-2022
Default File Attached Responsibility Report.rtf   End Date
Default File Language English   Subtemplate No
Default File Territory United States
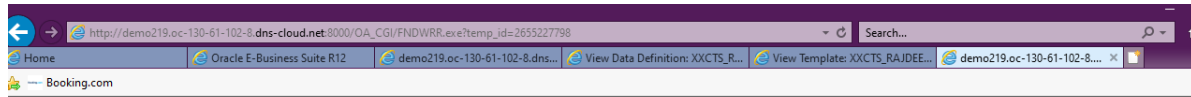
Default Output Type PDF

Description

Step 29: Gone to the Oracle EBS Java Application and switch to the Responsibility. I have chosen Purchase Resp Rajdeep.

Step 30: Click to the View option in the menu bar and then click on Requests option there in the dropdown.

Step 31: Click on the Submit a New Request. Then I have mentioned the Concurrent Name of the Procedure.

Step 32: Clicked on Submit button and then clicked on No. Clicked on Find Button and clicked on View Output and received the .rtf in .pdf format filled with XML data on the Internet Explorer successfully.

Attached Responsibility Report

Responsibility Name	User Name	Start Date	End Date	Responsibility Key	Application Name
Application Developer	XXCTS_RAJDEEP	31-MAY-22		XXCTS_RAJDEEP_RESP_MAY22	Application Object Library

---END OF QUESTION 2---
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