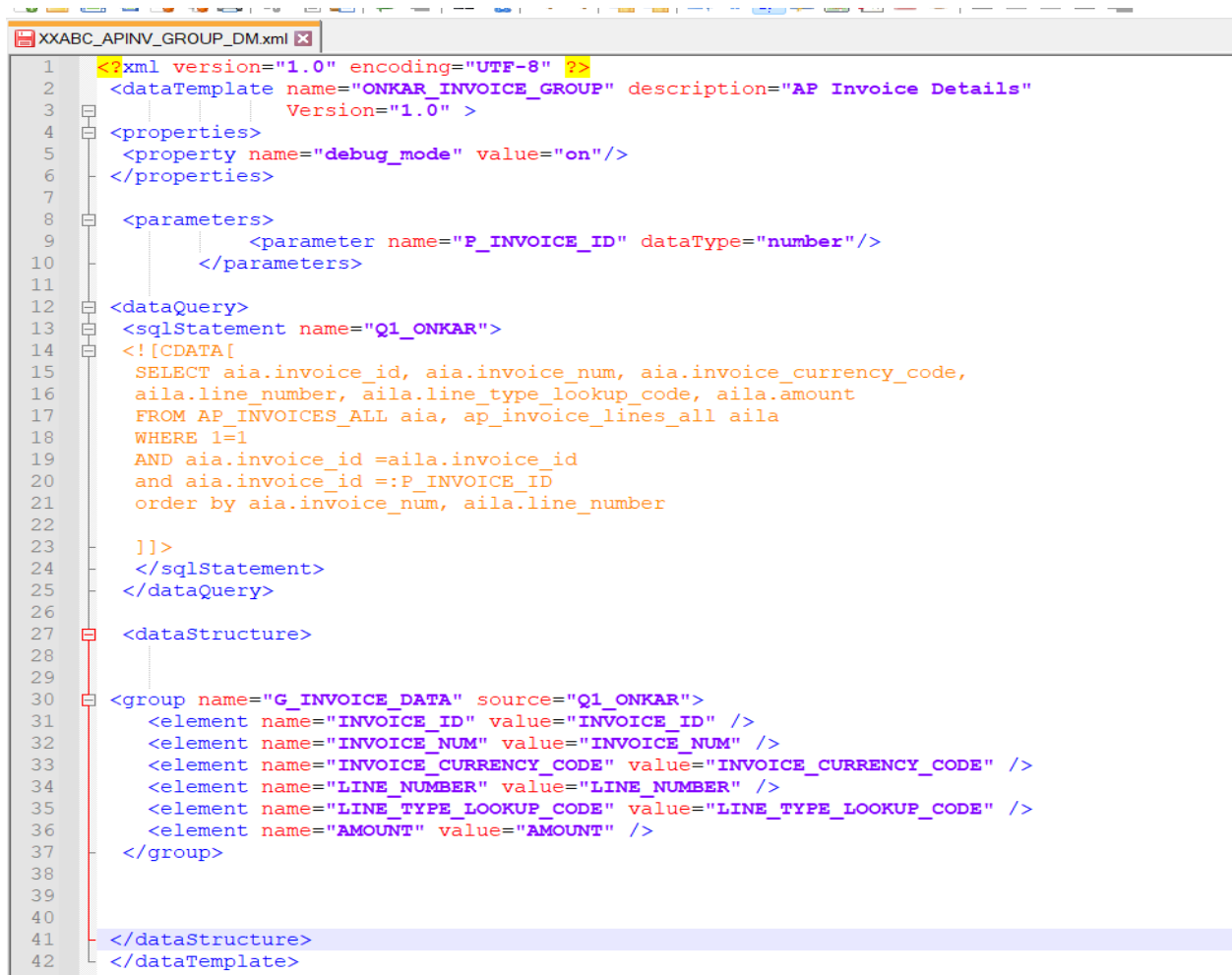


## XML GROUP REPORT :

It is used to display data in hierarchical fashion. E.g. showing all employees in each dept in report we need grouping of employees first w.r.t their dept.

## CREATE TEMPLATE LEVEL GROUPING AND DATA MODEL LEVEL GROUPING OF INVOICE DATA :

### TEMPLATE LEVEL GROUPING =>



```
1  <?xml version="1.0" encoding="UTF-8" ?>
2  <dataTemplate name="ONKAR_INVOICE_GROUP" description="AP Invoice Details"
3      Version="1.0" >
4      <properties>
5          <property name="debug_mode" value="on"/>
6      </properties>
7
8      <parameters>
9          <parameter name="P_INVOICE_ID" dataType="number"/>
10     </parameters>
11
12     <dataQuery>
13         <sqlStatement name="Q1_ONKAR">
14             <![CDATA[
15                 SELECT aia.invoice_id, aia.invoice_num, aia.invoice_currency_code,
16                 aila.line_number, aila.line_type_lookup_code, aila.amount
17                 FROM AP_INVOICES_ALL aia, ap_invoice_lines_all aila
18                 WHERE 1=1
19                 AND aia.invoice_id =aia.invoice_id
20                 and aia.invoice_id =:P_INVOICE_ID
21                 order by aia.invoice_num, aila.line_number
22             ]]>
23         </sqlStatement>
24     </dataQuery>
25
26     <dataStructure>
27
28
29
30     <group name="G_INVOICE_DATA" source="Q1_ONKAR">
31         <element name="INVOICE_ID" value="INVOICE_ID" />
32         <element name="INVOICE_NUM" value="INVOICE_NUM" />
33         <element name="INVOICE_CURRENCY_CODE" value="INVOICE_CURRENCY_CODE" />
34         <element name="LINE_NUMBER" value="LINE_NUMBER" />
35         <element name="LINE_TYPE_LOOKUP_CODE" value="LINE_TYPE_LOOKUP_CODE" />
36         <element name="AMOUNT" value="AMOUNT" />
37     </group>
38
39
40
41 </dataStructure>
42 </dataTemplate>
```

Templates

Data Definitions

Administration

Data Definitions >

Confirmation

Data Definition ONKAR\_GROUP\_INVOICE has been successfully updated.

View Data Definition: ONKAR\_GROUP\_INVOICE

General

Name

ONKAR\_GROUP\_INVOICE

Application

Application Object Library

End Date

Description

Code

ONKAR\_GROUP\_INVOICE

Start Date

29-Oct-2024

Update

Edit Configuration

Files

XML Schema

Add File

Data Template

ONKAR\_GROUP\_INVOICE.xml

Update File

Preview Data

Add File

Bursting Control File

Add File

Return to Data Definitions

Navigator - Application Developer

Functions

Documents

Processes

Flexfield:

Set up key and descriptive flexfields

+ Flexfield

+ Self Service Flexfield

+ Concurrent

+ Application Profile

+ Attachments

+ Other

Top Ten List

Concurrent Programs

Program

ONKAR\_GROUP\_INVOICE\_CONC

Enabled

Short Name

ONKAR\_GROUP\_INVOICE

Application

Application Object Library

Description

Executable

Name

XDODTEXE

Method

Java Concurrent Program

Options

Request

Type

Incrementor

MLS Function

Operating Unit Mode

Restart Mode

Restartable

☐ Allow Disabled Values

☒ Use in SRS

☒ NLS Compliant

☐ Enable Trace

☐ Recalculate Default Parameters

☐ Run Alone

Propagation Of Options to Children

☐ Delivery Options

☐ Notifications

Output

Format

XML

☒ Save (G)

☒ Print

Columns

Rows

Style

☐ Style Required

Printer

Security

☐ Disable URL Security

Maximum Output URL Views

Business Events

☐ Request Submitted (Y)

☐ Program Completed

☐ Request On Hold

☐ Post Processing Started

☐ Request Running

☐ Request Completed (Z)

☐ Request Resumed

☐ Post Processing Ended

Copy to...

Session Control

Incompatibilities

Parameters

Concurrent Programs

Concurrent Program Parameters

Program: ONKAR\_GROUP\_INVOICE\_CONC

Application: Application Object Library

Conflicts Domain:

Security Group:

Seq	Parameter	Description	Enabled
1	P_INVOICE_ID		<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Validation

Value Set: 10/Number ☒ Allow Update Description: A 10 digit positive number

Default Type:  ☐ Required Default Value:

☐ Enable Security Range:

☒ Display

Display Size: 10 Description Size: 50 Prompt: P\_INVOICE\_ID

Concatenated Description Size: 25 LOV Prompt: P\_INVOICE\_ID

Token: P\_INVOICE\_ID

Navigator - system administrator

Request Groups

Group: Application Developer Reports2

Application: Application Object Library

Code:

Description:

Requests

Type	Name	Application
Program	xml report 2	xxdcs custom app
Program	xml_con	Application Object Library
Program	xml_report_con	Application Object Library
Program	XXDCS_FND_USER_REPO_MAY	xxdcs custom app
Program	XXDCS_REPO_MAYURI	xxdcs custom app
Program	xxdcs_fnd_user_report1_xml_suy	Application Object Library
Program	XXDCS_EMP_DTLS_SUY	xxdcs custom app
Program	XXDCS_SUPPLIERS_MN	xxdcs custom app
Program	manual xml report 3	xxdcs custom app
Program	ONKAR_GROUP_INVOICE_CONC	Application Object Library

Description:

Requests

Submit Request

Run this Request

Copy

Name ONKAR\_GROUP\_INVOICE\_CONC

Operating Unit

Parameters 61874

Language American English

Language Settings

Debug Options

At these Times

Schedule Description As Soon as Possible

Schedule

Upon Completion

☒ Save all Output Files ☐ Burst Output

Layout

Options

Notify

Delivery Opts

Print to noprint

Help (C)

Submit

Cancel

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```

<ONKAR_GROUP_INVOICE>
  <P_INVOICE_ID>61874</P_INVOICE_ID>
  <LIST_G_INVOICE_DATA>
    <G_INVOICE_DATA>
      <INVOICE_ID>61874</INVOICE_ID>
      <INVOICE_NUM> Res #1985</INVOICE_NUM>
      <INVOICE_CURRENCY_CODE>USD</INVOICE_CURRENCY_CODE>
      <LINE_NUMBER>1</LINE_NUMBER>
      <LINE_TYPE_LOOKUP_CODE>ITEM</LINE_TYPE_LOOKUP_CODE>
      <AMOUNT>-4478.76</AMOUNT>
    </G_INVOICE_DATA>
    <G_INVOICE_DATA>
      <INVOICE_ID>61874</INVOICE_ID>
      <INVOICE_NUM> Res #1985</INVOICE_NUM>
      <INVOICE_CURRENCY_CODE>USD</INVOICE_CURRENCY_CODE>
      <LINE_NUMBER>2</LINE_NUMBER>
      <LINE_TYPE_LOOKUP_CODE>TAX</LINE_TYPE_LOOKUP_CODE>
      <AMOUNT>-369.5</AMOUNT>
    </G_INVOICE_DATA>
  </LIST_G_INVOICE_DATA>
</ONKAR_GROUP_INVOICE>

```

Load Data

Insert

Preview

group G\_INVOICE\_DATA by INVOICE\_NUM

+

INVOICE\_NUM

INVOICE_ID	INVOICE_CURRENCY_CODE	LINE_NUMBER	LINE_TYPE_LOOKUP_CODE	AMOUNT
INVOICE_ID	INVOICE_CURRENCY_CODE	LINE_NUMBER	LINE_TYPE_LOOKUP_CODE	AMOUNT

end G\_INVOICE\_DATA by INVOICE\_NUM

Design Layout References Mailings Review View Help **Publisher**

Template XML Schema XML Data

Sample XML

Table Wizard Pivot Table Chart Field Table/Form Repeating Group Conditional Format Conditional Region All Fields PDF HTML Excel RTF PowerPoint

### Table Wizard

How would you like to group your report?

Group By: INVOICE\_NUM

Then By:

Then By:

Then By:

Group above (selected)

Group left

Data already sorted

Break: No Break

Cancel Back Next Finish

LayoutReferencesMailingsReviewViewHelpPublisher

XML Schema

Table Wizard

Pivot Table

Chart

Field

Table/Form

Repeating Group

Conditional Format

Conditional Region

All Fields

PDF

HTML

Excel

Sample XML

Load Data

Insert

group G\_INVOICE\_DATA by INVOICE\_NUM

INVOICE NO : INVOICE\_NUM INVOICE SUM :

INVOICE_ID	INVOICE_CURRENCY_CODE	LINE_NUMBER	LINE_TYPE_LOOKUP_CODE	AMOUNT
F	INVOICE_CURRENCY_CODE	LINE_NUMBER	LINE_TYPE_LOOKUP_CODE	AMOUNT
INVOICE_ID				E

end G\_INVOICE\_DATA by INVOICE\_NUM

Field

Find

Find Next

ONKAR\_GROUP\_INVOICE

P\_INVOICE\_ID

LIST\_G\_INVOICE\_DATA

G\_INVOICE\_DATA

INVOICE\_ID

INVOICE\_NUM

INVOICE\_CURRENCY\_CODE

LINE\_NUMBER

LINE\_TYPE\_LOOKUP\_CODE

AMOUNT

Example

-4478.76

Calculation

Sum

On Grouping

Force LTR Direction

Insert

Close

Help

group G\_INVOICE\_DATA by INVOICE\_NUM

INVOICE NO : INVOICE\_NUM INVOICE SUM : 999,999.00

INVOICE_ID	INVOICE_CURRENCY_CODE	LINE_NUMBER	LINE_TYPE_LOOKUP_CODE	AMOUNT
F	INVOICE_CURRENCY_CODE	LINE_NUMBER	LINE_TYPE_LOOKUP_CODE	AMOUNT
INVOICE_ID				E

end G\_INVOICE\_DATA by INVOICE\_NUM

TemplatesData DefinitionsAdministration

Templates >

Confirmation

Template ONKAR\_GROUP\_INVOICE\_TEMP has been successfully created.

View Template: ONKAR\_GROUP\_INVOICE\_TEMP

General

Name

ONKAR\_GROUP\_INVOICE\_TEMP

Application

Application Object Library

Type

RTF

Default File

ONKAR\_GROUP\_INVOICE\_RTF.rtf

Default File Language

English

Default File Territory

Code

ONKAR\_GROUP\_INVOICE\_TEMP

Data Definition

ONKAR\_GROUP\_INVOICE

Start Date

29-Oct-2024

End Date

Subtemplate

No

Default Output Type

PDF

Description

Update

Edit Configuration

Template Files

Preview Format PDF

Add File

Localized Templates

File Name	Language	Territory	Preview	Download	Update	Delete
ONKAR_GROUP_INVOICE_RTF.rtf	English					

INVOICE NO : Res #198S INVOICE SUM : -4,848.26

INVOICE_ ID	INVOICE_CURRENCY_ CODE	LINE_NUMB ER	LINE_TYPE_LOOKUP_ CODE	AMOUN T
61874	USD	1	ITEM	- 4478.76
61874	USD	2	TAX	-369.5

**DATA MODEL LEVEL GROUPING =>**

```
10      </parameters>
11
12      <dataQuery>
13        <sqlStatement name="Q1_ONKAR">
14          <![CDATA[
15            SELECT aia.invoice_id, aia.invoice_num, aia.invoice_currency_code,
16                   aila.line_number, aila.line_type_lookup_code, aila.amount
17            FROM AP_INVOICES_ALL aia, ap_invoice_lines_all aila
18            WHERE 1=1
19            AND aia.invoice_id =aia.invoice_id
20            and aia.invoice_id =:P_INVOICE_ID
21            order by aia.invoice_num, aila.line_number
22          ]]>
23        </sqlStatement>
24      </dataQuery>
25
26      <dataStructure>
27
28
29
30      <group name="G_INVOICE_DATA" source="Q1_ONKAR">
31        <element name="INVOICE_ID" value="INVOICE_ID" />
32        <element name="INVOICE_NUM" value="INVOICE_NUM" />
33        <element name="INVOICE_CURRENCY_CODE" value="INVOICE_CURRENCY_CODE" />
34        <element name="LINE_NUMBER" value="LINE_NUMBER" />
35        <element name="LINE_TYPE_LOOKUP_CODE" value="LINE_TYPE_LOOKUP_CODE" />
36        <element name="AMOUNT" value="AMOUNT" />
37      </group>
38
39      <group name="G_INVOICE_DATA_HEADER" source="Q1_ONKAR">
40        <element name="INVOICE_ID" value="INVOICE_ID" />
41        <element name="INVOICE_NUM" value="INVOICE_NUM" />
42      <group name="G_INVOICE_DATA_LINES" source="Q1_ONKAR">
43        <element name="INVOICE_CURRENCY_CODE" value="INVOICE_CURRENCY_CODE" />
44        <element name="LINE_NUMBER" value="LINE_NUMBER" />
45        <element name="LINE_TYPE_LOOKUP_CODE" value="LINE_TYPE_LOOKUP_CODE" />
46        <element name="AMOUNT" value="AMOUNT" />
47      </group>
48    </group>
49
50
51  </dataStructure>
52  </dataTemplate>
```

Templates

Data Definitions

Administration

Data Definitions >

Confirmation

Data Definition ONKAR\_GROUP\_INVOICE has been successfully updated.

View Data Definition: ONKAR\_GROUP\_INVOICE

General

Name	ONKAR_GROUP_INVOICE	Code	ONKAR_GROUP_INVOICE	Update	Edit Configuration
Application	Application Object Library	Start Date	29-Oct-2024		
End Date					
Description	<div></div>				

Files

XML Schema

Add File

Data Template

ONKAR\_GROUP\_INVOICE\_XML.xml

Update File

Preview Data

Add File

Bursting Control File

Add File

Return to Data Definitions



Requests

Refresh Data

Find Requests

Submit a New Request

Submit New Request Set

☐ Auto Refresh (X)

Copy Single Request

Copy Request Set

Request ID	Name	Parent	Phase	Status	Parameters
7747598	ONKAR_GROUP_INVOICE		Completed	Normal	20983
7747594	ONKAR_GROUP_INVOICE		Completed	Normal	61874
7747592	ONKAR_GROUP_INVOICE		Completed	Normal	61874
7747591	ONKAR_GROUP_INVOICE		Completed	Normal	61784
7747590	ONKAR_GROUP_INVOICE		Completed	Normal	61874
7747584	ONKAR_GROUP_INVOICE		Completed	Error	61874
7747583	ONKAR_GROUP_INVOICE		Completed	Error	
7747578	ONKAR_GROUP_INVOICE		Completed	Error	20983
7747577	ONKAR_GROUP_INVOICE		Completed	Error	
7747433	ONKAR_GROUP_INVOICE		Completed	Normal	61874

Hold Request

View Details

Rerun Request

View Output

Cancel Request

Diagnostics

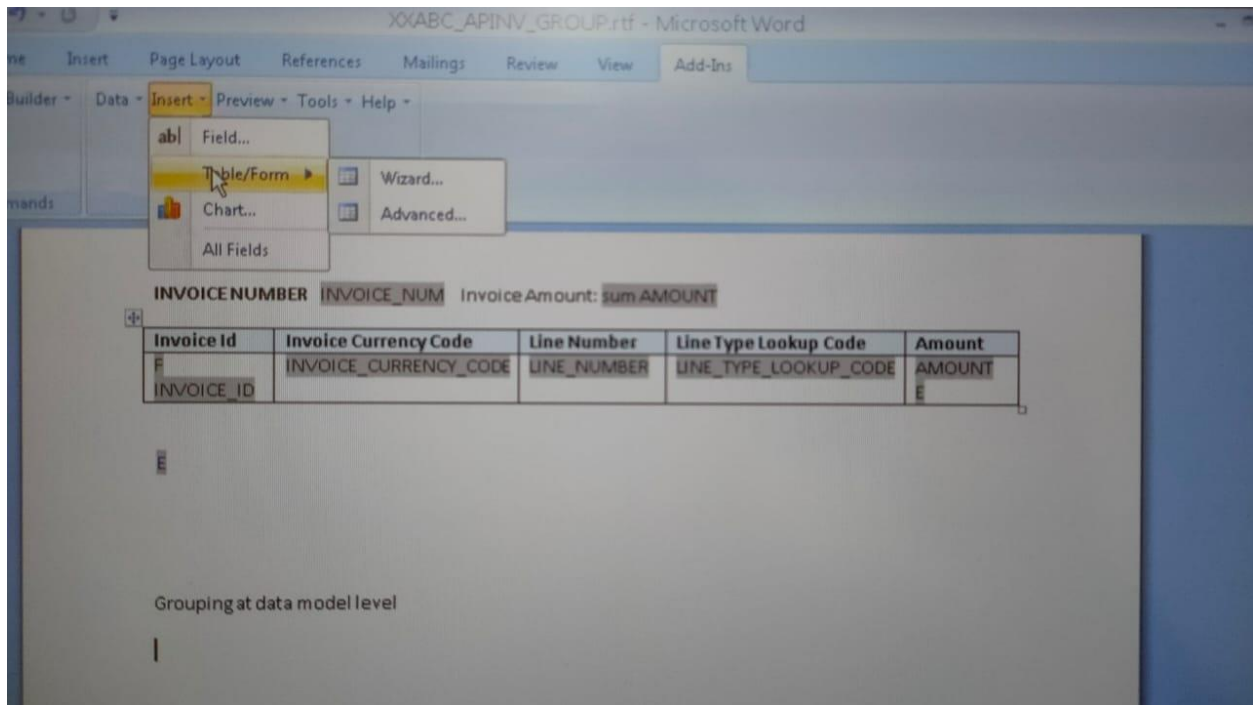
Reprint/Republish (J)

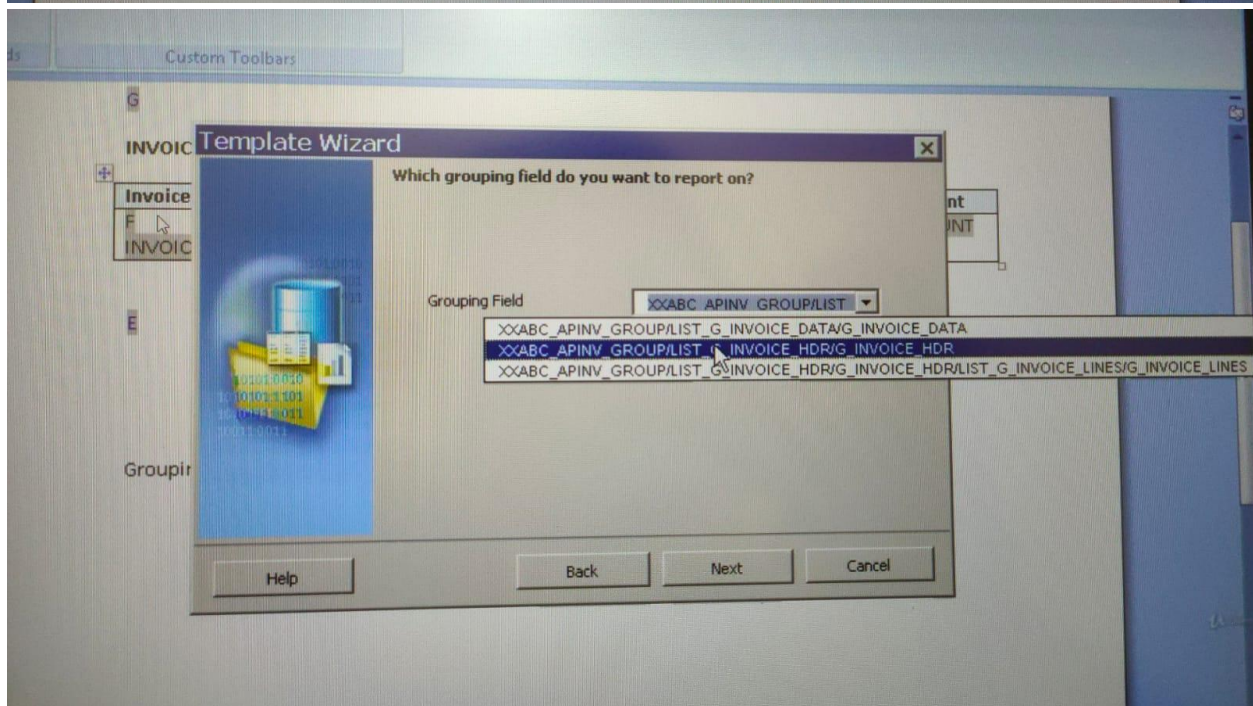
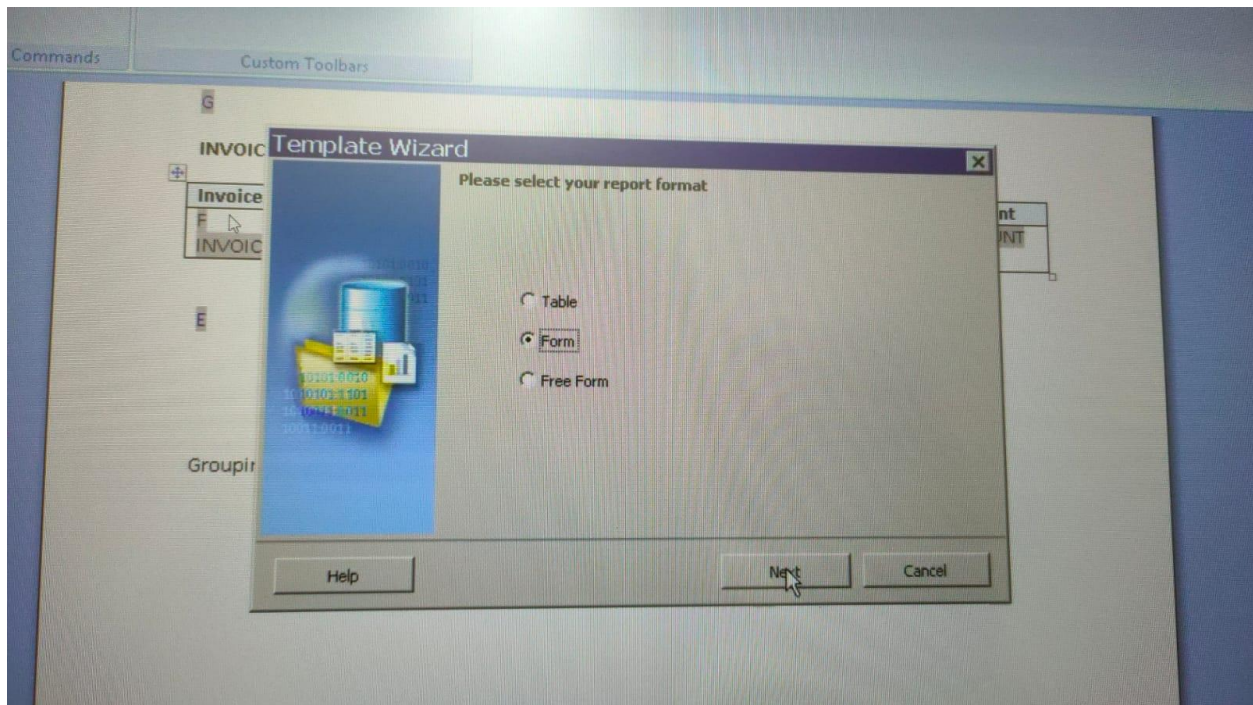
View Log (K)

This XML file does not appear to have any style information associated with it. The document tree is shown below.

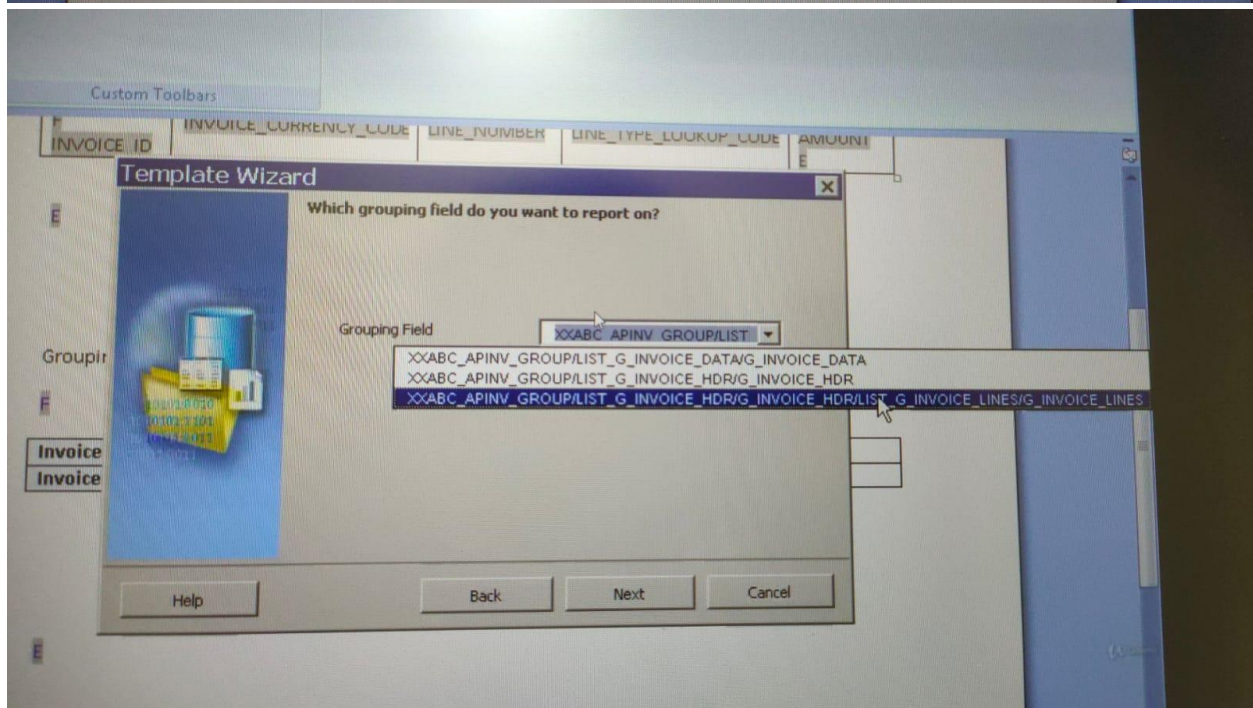
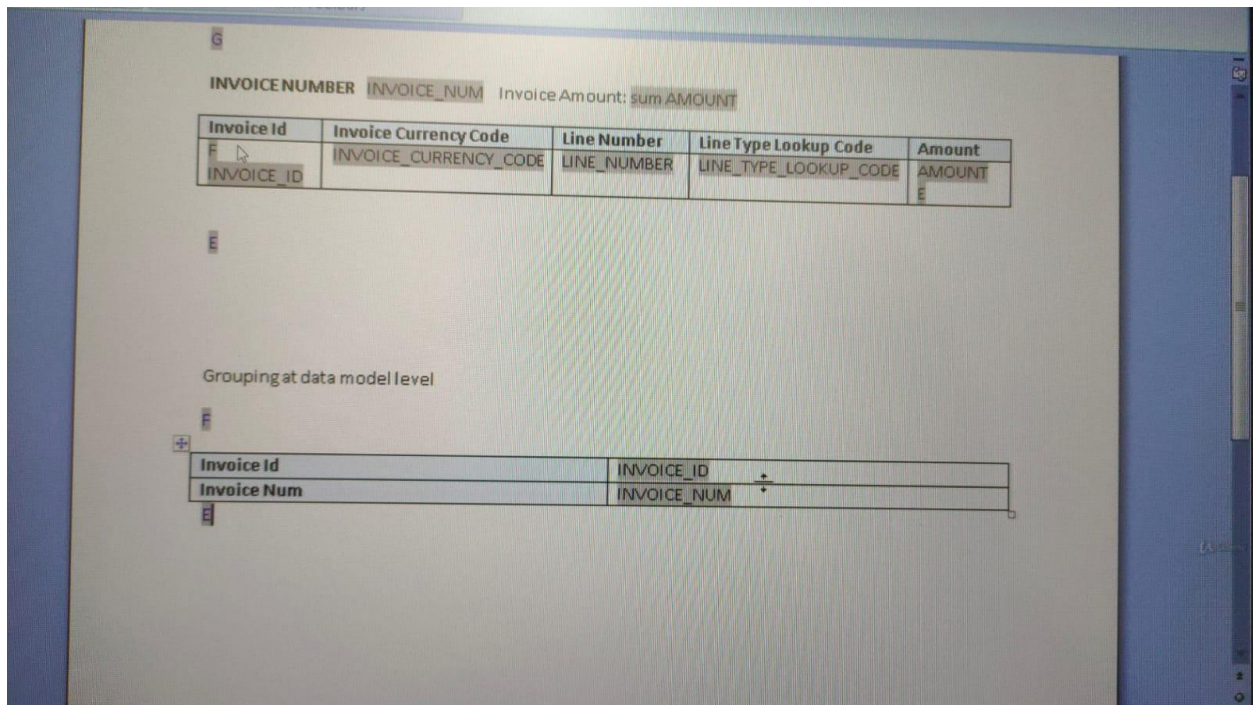
```
<?xml version="1.0" encoding="UTF-8" ?>
<ONKAR_GROUP_INVOICE>
  <P_INVOICE_ID>61874</P_INVOICE_ID>
  <LIST_G_INVOICE_DATA>
    <G_INVOICE_DATA>
      <INVOICE_ID>61874</INVOICE_ID>
      <INVOICE_NUM> Res #1985</INVOICE_NUM>
      <INVOICE_CURRENCY_CODE>USD</INVOICE_CURRENCY_CODE>
      <LINE_NUMBER>1</LINE_NUMBER>
      <LINE_TYPE_LOOKUP_CODE>ITEM</LINE_TYPE_LOOKUP_CODE>
      <AMOUNT>-4478.76</AMOUNT>
    </G_INVOICE_DATA>
    <G_INVOICE_DATA>
      <INVOICE_ID>61874</INVOICE_ID>
      <INVOICE_NUM> Res #1985</INVOICE_NUM>
      <INVOICE_CURRENCY_CODE>USD</INVOICE_CURRENCY_CODE>
      <LINE_NUMBER>2</LINE_NUMBER>
      <LINE_TYPE_LOOKUP_CODE>TAX</LINE_TYPE_LOOKUP_CODE>
      <AMOUNT>-369.5</AMOUNT>
    </G_INVOICE_DATA>
  </LIST_G_INVOICE_DATA>
  <LIST_G_INVOICE_DATA_HEADER>
    <G_INVOICE_DATA_HEADER>
      <INVOICE_ID>61874</INVOICE_ID>
      <INVOICE_NUM> Res #1985</INVOICE_NUM>
      <LIST_G_INVOICE_DATA_LINES>
        <G_INVOICE_DATA_LINES>
          <INVOICE_CURRENCY_CODE>USD</INVOICE_CURRENCY_CODE>
          <LINE_NUMBER>1</LINE_NUMBER>
          <LINE_TYPE_LOOKUP_CODE>ITEM</LINE_TYPE_LOOKUP_CODE>
          <AMOUNT>-4478.76</AMOUNT>
        </G_INVOICE_DATA_LINES>
        <G_INVOICE_DATA_LINES>
          <INVOICE_CURRENCY_CODE>USD</INVOICE_CURRENCY_CODE>
          <LINE_NUMBER>2</LINE_NUMBER>
          <LINE_TYPE_LOOKUP_CODE>TAX</LINE_TYPE_LOOKUP_CODE>
          <AMOUNT>-369.5</AMOUNT>
        </G_INVOICE_DATA_LINES>
      </LIST_G_INVOICE_DATA_LINES>
    </G_INVOICE_DATA_HEADER>
  </LIST_G_INVOICE_DATA_HEADER>
</ONKAR_GROUP_INVOICE>
```

NOW CREATE RTF TEMPLATE :









## HTML PREVIEW :

Address <C:\Program Files\Oracle\XML Publisher Desktop\Template Builder for Word\tmp\1555993022891out.htm>

Grouping at template level

**INVOICE NUMBER** 00000007 Invoice Amount: 164000000

Invoice Id	Invoice Currency Code	Line Number	Line Type Lookup Code	Amount
20983	ITL	1	ITEM	43333333.33
20983	ITL	2	ITEM	10000000
20983	ITL	3	TAX	10666666.67
20983	ITL	4	ITEM	100000000
20983	ITL	5	TAX	0

Grouping at data model level

Invoice Id	20983
Invoice Num	00000007

Invoice Currency Code	Line Number	Line Type Lookup Code	Amount
ITL	1	ITEM	43333333.33
ITL	2	ITEM	10000000
ITL	3	TAX	10666666.67
ITL	4	ITEM	100000000
ITL	5	TAX	0