**GROUP 8:**

Topic:

**Accounting Details in ALV Format Convert ITAB data to Excel and Download Form**

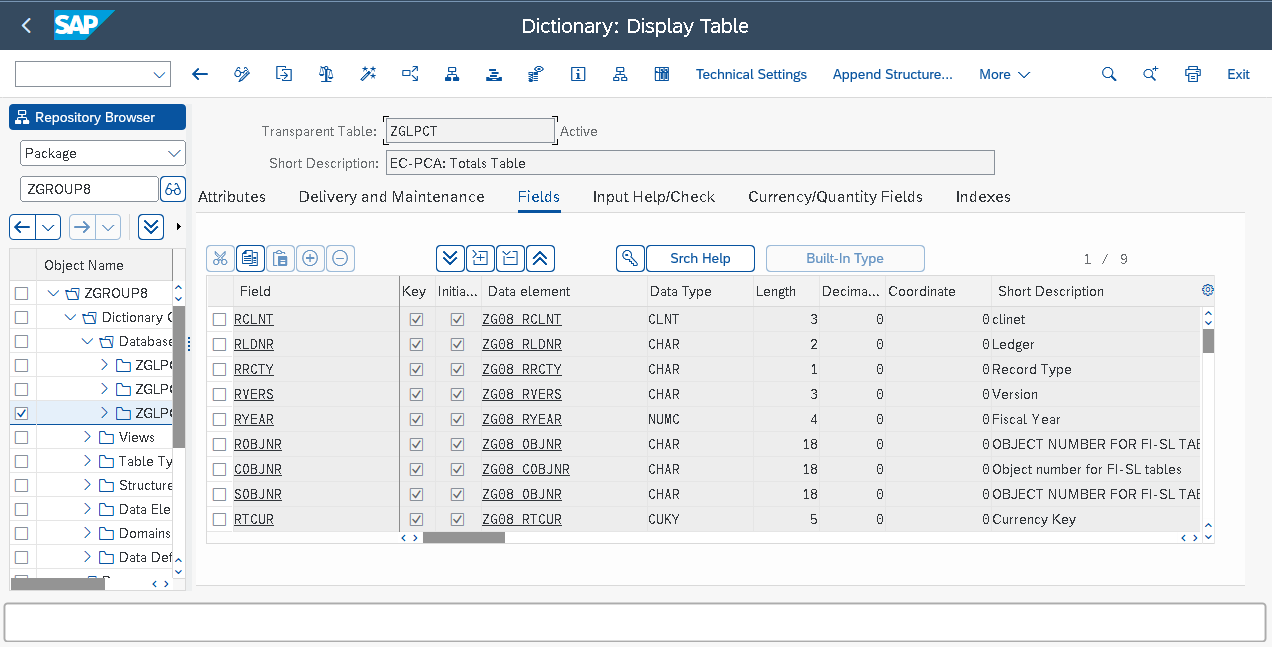
**Developers**: Sai shiva Maddi- 280382

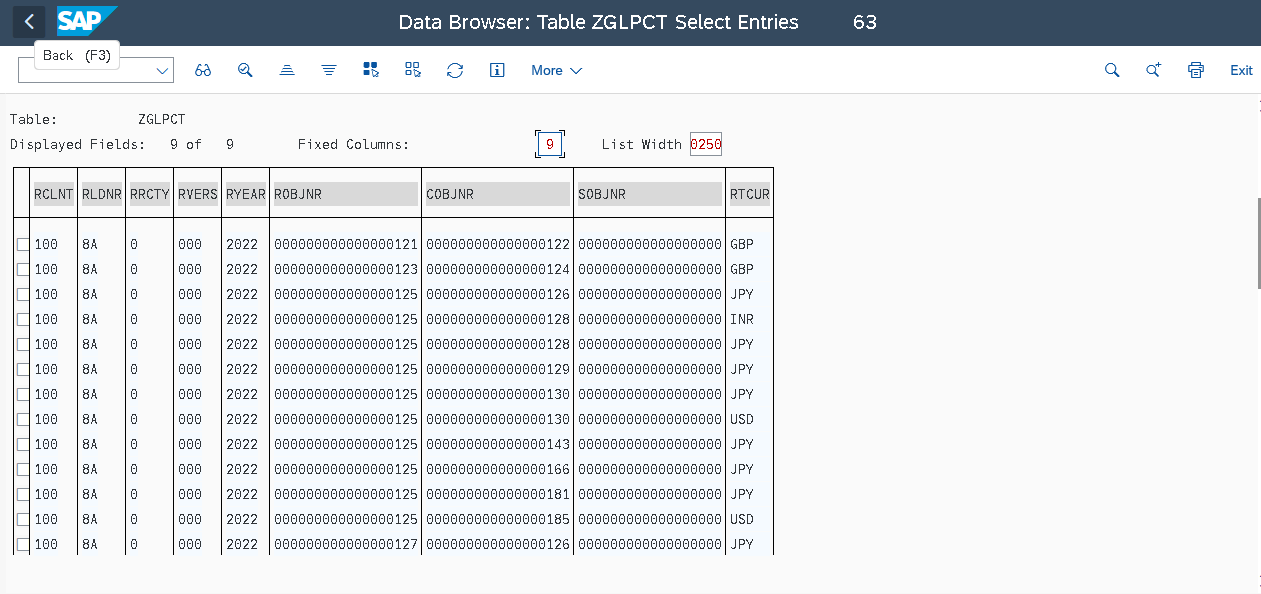
Prasad Thatha - 280465

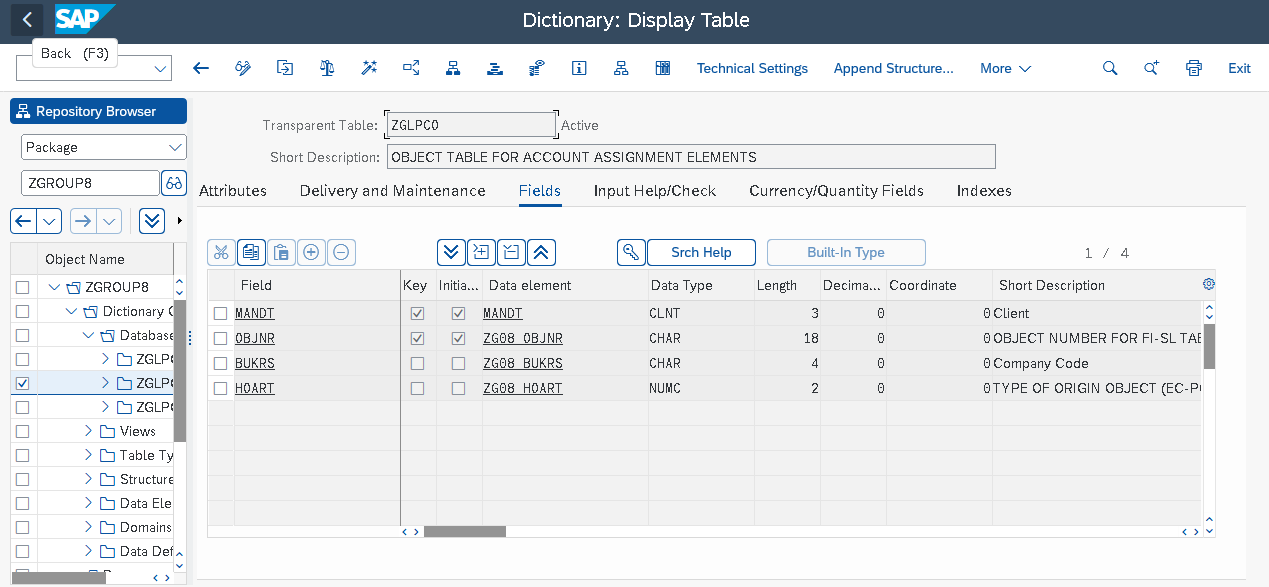
Poorna Lakshmi Prasanna Ananthu -280381

**Tables Used:**

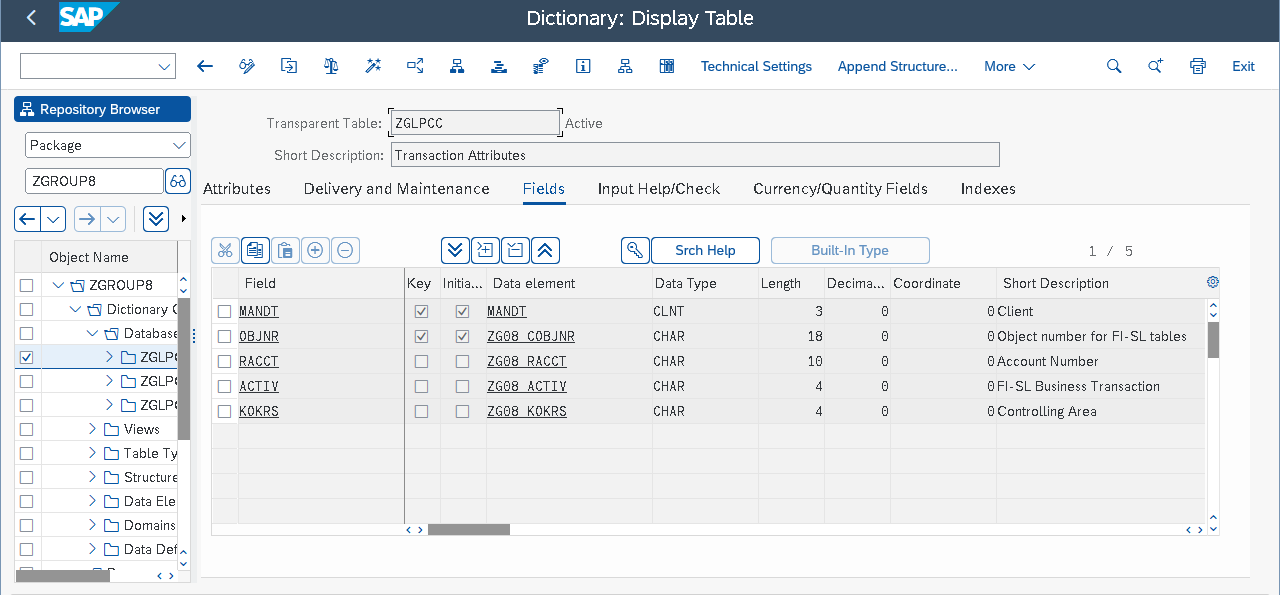
1. ZGLPCT
2. ZGLPCO
3. ZGLPCC

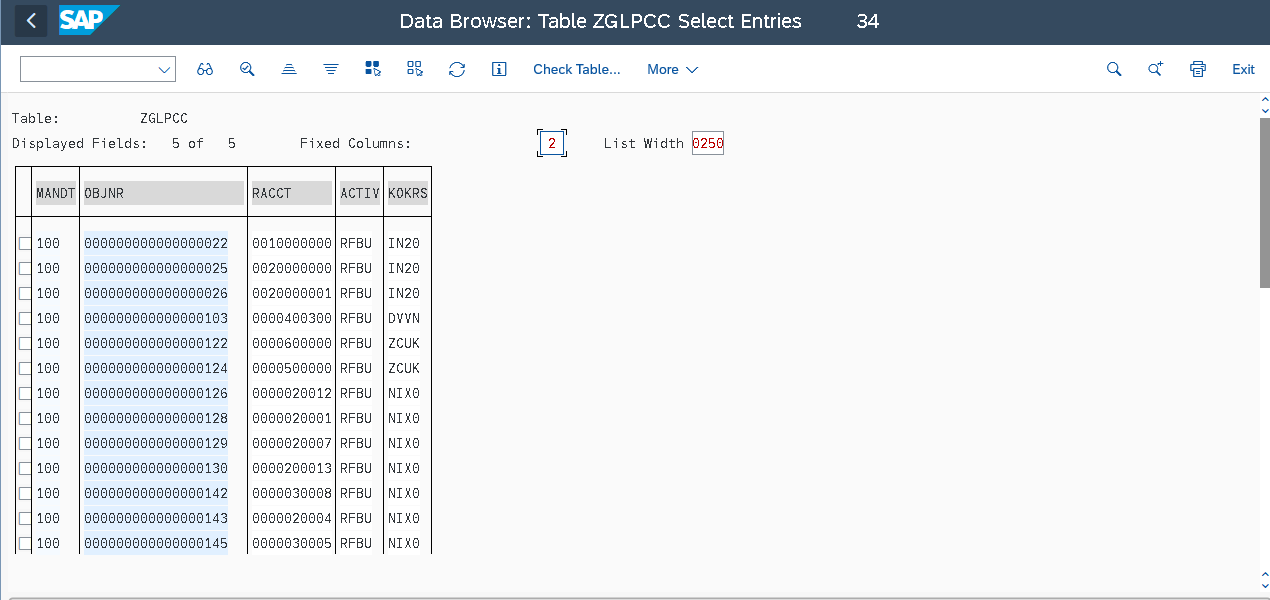




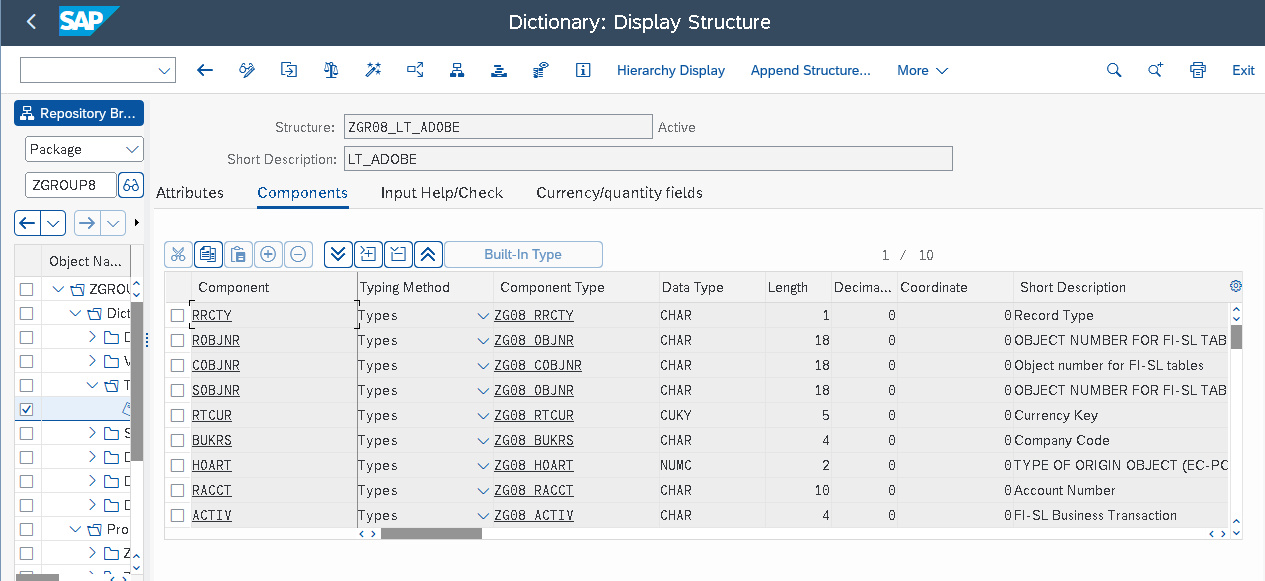


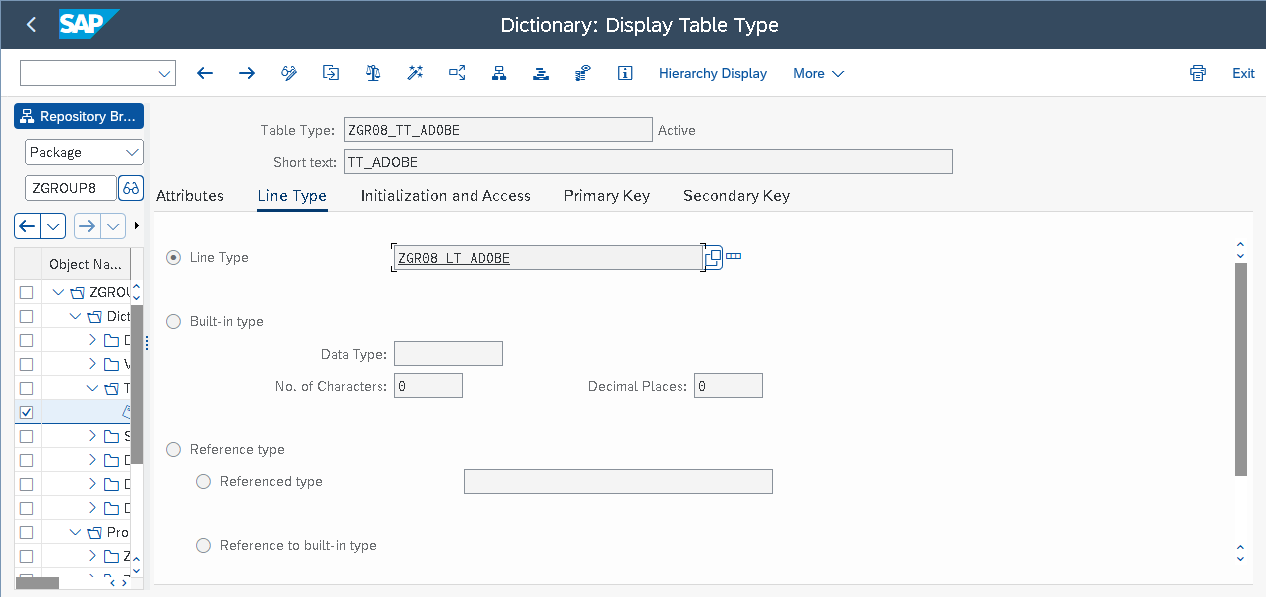




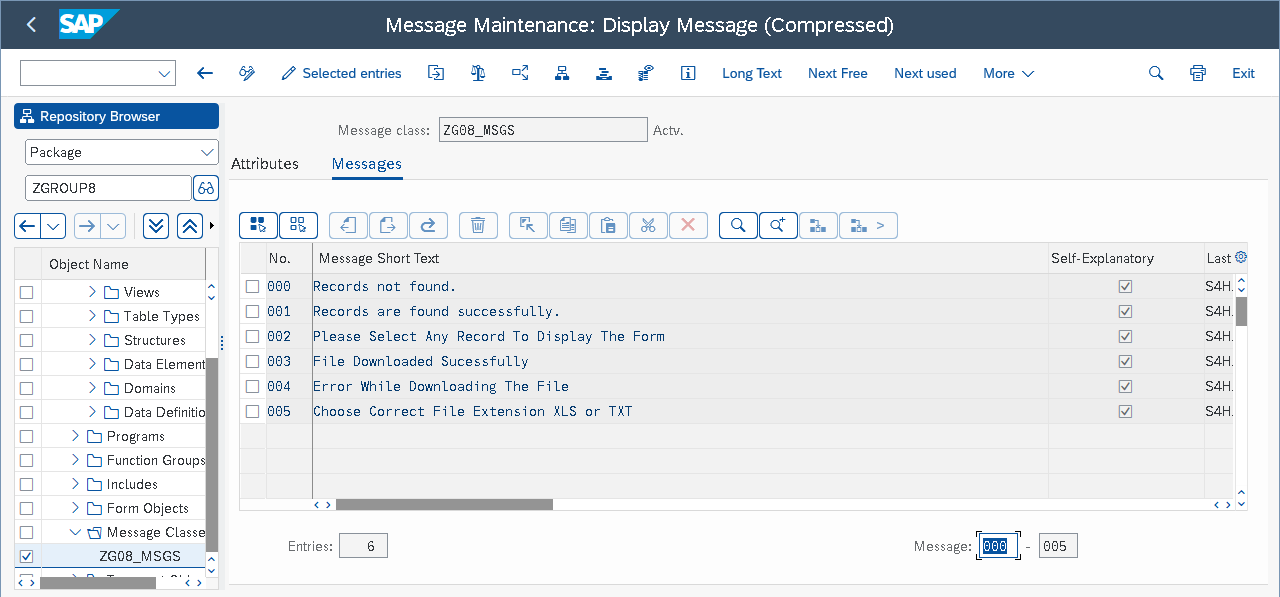


Structure: Line type and Table type





Message class:



**Program:**

\*---------------------------------------------------------------------\*  
\*& Report ZG08\_FORALL\_ENTRIES  
\*&---------------------------------------------------------------------\*  
\*&  Developer Names : Sai Shiva Maddi,  
\*&                    Prasad Thatha,  
\*&                    Poorna Lakshmi Prasanna Ananthu  
\*&  
\*&  Object Description : Accounting Details in ALV Format  
\*&                      Itab data to excel and download form  
\*&  
\*&  FS Object Id : GROUP8  
\*&  
\*&  Object Creation : 22.04.2024  
\*&---------------------------------------------------------------------\*  
REPORT zg08\_forall\_entries NO STANDARD PAGE HEADING LINE-COUNT 30(3) LINE-SIZE 300 MESSAGE-ID ZG08\_MSGS.  
  
\*&---------------------------------------------------------------------\*  
\*&            T O P  I N C L U D E  D E C L A R A T I O N S  
\*&---------------------------------------------------------------------\*  
INCLUDE zforall\_entries\_top.  
  
\*&---------------------------------------------------------------------\*  
\*&            S E L E C T  O P T I O N S  
\*&---------------------------------------------------------------------\*  
INCLUDE zselect\_options.  
  
\*&---------------------------------------------------------------------\*  
\*&            I N T I A L I Z A T I O N  
\*&---------------------------------------------------------------------\*  
INCLUDE zinitialization.  
  
\*&---------------------------------------------------------------------\*  
\*&          I N P U T  S C R E E N  V A L I D A T I O N S  
\*&---------------------------------------------------------------------\*  
INCLUDE zatselctionscreen.  
  
\*&---------------------------------------------------------------------\*  
\*&           C L A S S  E V E N T S  
\*&---------------------------------------------------------------------\*  
INCLUDE zg08\_class.  
  
\*&---------------------------------------------------------------------\*  
\*&            M A I N  B U S I N E S S  L O G I C  
\*&---------------------------------------------------------------------\*  
START-OF-SELECTION.  
  INCLUDE zget\_data.  
  INCLUDE zg08\_oalv\_getdata.  
END-OF-SELECTION.  
  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
  CALL SCREEN 0100.  
  
\*&---------------------------------------------------------------------\*  
\*&            P U S H B U T T O N S  
\*&---------------------------------------------------------------------\*  
  INCLUDE zgo8\_status\_100.  
  INCLUDE zg08\_user\_command\_100.  
  
\*&---------------------------------------------------------------------\*  
\*&            O B J E C T  O R I E N T E D  ALV  
\*&---------------------------------------------------------------------\*  
  INCLUDE zg08\_oops\_alv.

**INCLUDES:**

\*&---------------------------------------------------------------------\*  
\*& Include          ZFORALL\_ENTRIES\_TOP  
\*&---------------------------------------------------------------------\*  
  
TYPES: BEGIN OF ls\_tab,                   """structure for ZGLPCT and ZGLPCO tables  
  
         rldnr  TYPE  zg08\_rldnr,         "Ledger  
         rrcty  TYPE  zg08\_rrcty,         "Record Type  
         rvers  TYPE zg08\_rvers,          "Version  
         ryear  TYPE  zg08\_ryear,         "Fiscal year  
         robjnr TYPE  zg08\_objnr,         "object number for FI-SL Tables  
         cobjnr TYPE  zg08\_cobjnr,        "object number for FI-SL Tables  
         sobjnr TYPE  zg08\_objnr,         "object number for FI-SL Tables  
         rtcur  TYPE  zg08\_rtcur,         "Currency key  
  
         bukrs  TYPE  zg08\_bukrs,          "Company Code  
         hoart  TYPE  zg08\_hoart,          "Type of origin object  
  
       END OF ls\_tab,  
  
       BEGIN OF ls\_ZGLPCC,                 "structure of ZGLPCC table  
         objnr TYPE  zg08\_cobjnr,         "object number for FI-SL Tables  
         racct TYPE  zg08\_racct,          "Account Number  
         activ TYPE  zg08\_activ,          "FI-SL Business Transaction  
         kokrs TYPE  zg08\_kokrs,          "Controlling Area  
       END OF ls\_ZGLPCC,  
  
       BEGIN OF ls\_FINAL,                  "structure for final table  
         rldnr  TYPE  zg08\_rldnr,          "Ledger  
         rrcty  TYPE  zg08\_rrcty,          "Record Type  
         rvers  TYPE zg08\_rvers,           "Version  
         ryear  TYPE  zg08\_ryear,           "Fiscal year  
         robjnr TYPE  zg08\_objnr,           "object number for FI-SL Table  
         cobjnr TYPE  zg08\_cobjnr,          "object number for FI-SL Tables  
         sobjnr TYPE  zg08\_objnr,           "object number for FI-SL Tables  
         rtcur  TYPE  zg08\_rtcur,           "Currency key  
  
         bukrs  TYPE  zg08\_bukrs,           "Company Code  
         hoart  TYPE  zg08\_hoart,           "Type of origin object  
  
         racct  TYPE  zg08\_racct,           "Account Number  
         activ  TYPE  zg08\_activ,           "FI-SL Business Transaction  
         kokrs  TYPE  zg08\_kokrs,           "Controlling Area  
  
       END OF ls\_FINAL.  
  
DATA: wa\_tab1         TYPE ls\_tab,  
      lt\_tab1         TYPE STANDARD TABLE OF ls\_tab,  
      wa\_tab2         TYPE zglpcc,  
      lt\_tab2         TYPE STANDARD TABLE OF zglpcc,  
      wa\_final        TYPE ls\_FINAL,  
      lt\_final        TYPE TABLE OF ls\_FINAL,  
  
  
      lv\_rldnr        TYPE zg08\_rldnr,                  "Ledger  
      lv\_bukrs        TYPE zg08\_bukrs,                  "Company Code  
      lv\_kokrs        TYPE zg08\_kokrs,                  "Controlling Area  
      lv\_racct        TYPE zg08\_racct,                  "Account Number  
  
      wa\_fcat         TYPE lvc\_s\_fcat,                       "fieldcatlog  
      lt\_fcat         TYPE lvc\_t\_fcat,  
  
      i\_container     TYPE REF TO cl\_gui\_custom\_container,      "Custom Container  
      i\_alvgrid       TYPE REF TO cl\_gui\_alv\_grid,              "alv grid  
      LS\_layout       TYPE lvc\_S\_layo,                          "layput  
  
      p\_file          TYPE localfile,                           "Excel file  
      a               TYPE i VALUE 0,  
      lt\_tab          TYPE zgr08\_tt\_adobe,         "TABLE TYPE FOR ADOBE FORM  
      LT\_tab12        TYPE zgr08\_tt\_adobe,  
      wa\_tab          TYPE zgr08\_lt\_adobe,         "STRUCTURE FOR ADOBE FORM  
      lv\_fm\_name      TYPE rs38l\_fnam,             "Name of Function Module  
      wa\_outputparams TYPE sfpoutputparams,         "Form Processing Output Parameter  
      wa\_docsparams   TYPE sfpdocparams.           " Form Parameters for Form Processing

\*&---------------------------------------------------------------------\*  
\*& Include          ZSELECT\_OPTIONS  
\*&---------------------------------------------------------------------\*  
  
SELECTION-SCREEN BEGIN OF BLOCK b1 WITH FRAME TITLE TEXT-001. "selection screen for 1st select option  
  
  SELECT-OPTIONS :s\_rldnr FOR lv\_rldnr OBLIGATORY.                      "Ledger  
  
SELECTION-SCREEN END OF BLOCK b1.  
  
SELECTION-SCREEN BEGIN OF BLOCK b2 WITH FRAME TITLE TEXT-002.  "selection screen for 2nd select option  
  
  SELECT-OPTIONS : s\_bukrs FOR lv\_bukrs.                                 "Company Code  
  
SELECTION-SCREEN END OF BLOCK b2.  
  
SELECTION-SCREEN BEGIN OF BLOCK b3 WITH FRAME TITLE TEXT-003.   "selection screen for 3rd select option  
  
  SELECT-OPTIONS : s\_racct FOR lv\_racct.                                "Account number  
  
SELECTION-SCREEN END OF BLOCK b3.  
  
SELECTION-SCREEN BEGIN OF BLOCK b4 WITH FRAME TITLE TEXT-004.    "selection screen for 4th select option  
  
  SELECT-OPTIONS :  s\_kokrs FOR lv\_kokrs.                                "Controlling area  
  
SELECTION-SCREEN END OF BLOCK b4.

\*&---------------------------------------------------------------------\*  
\*& Include          ZINITIALIZATION  
\*&---------------------------------------------------------------------\*  
INITIALIZATION.  
  
  CLEAR : wa\_tab1 ,         "clearing the workarea tab1  
          lt\_tab1 ,         "clearing the Internal tab1  
          wa\_tab2 ,         "clearing the workarea tab2  
          lt\_tab2 ,         "clearing the INternal tab2  
          wa\_final ,        "clearing the workarea final table  
          lt\_final ,        "clearing the internal final table  
          wa\_fcat,          "clearing the workarea for fieldcatalog  
          lt\_fcat  .        "clearing the Internal table for fieldcatalog  
  
  
  s\_rldnr-low = '0'.            "APPENDING DEFAULT VALUES TO THE OBILIGATORY FIELDS  
  s\_rldnr-high = '8A'.  
  APPEND s\_rldnr.

\*&---------------------------------------------------------------------\*  
\*& Include          ZATSELCTIONSCREEN  
\*&---------------------------------------------------------------------\*  
  
  AT SELECTION-SCREEN ON BLOCK b1 .                            "Validation for ledger  
  SELECT SINGLE rldnr INTO lv\_rldnr FROM ZGLPCT WHERE  
    rldnr IN s\_rldnr.  
  IF sy-subrc EQ 0.  
    MESSAGE s001.  
  ELSE.  
    MESSAGE e000.  
  ENDIF.  
  
AT SELECTION-SCREEN ON BLOCK b2 .                             "Validation for Company Code  
  SELECT SINGLE bukrs INTO lv\_bukrs FROM ZGLPCO WHERE  
    bukrs IN s\_bukrs.  
  IF sy-subrc NE 0.  
    MESSAGE e000.  
  ELSE.  
    MESSAGE s001.  
  ENDIF.  
  
  AT SELECTION-SCREEN ON BLOCK b3 .                             "Validation for Controlling Area  
  SELECT SINGLE kokrs INTO lv\_kokrs FROM ZGLPCC WHERE  
    kokrs IN s\_kokrs.  
  IF sy-subrc NE 0.  
    MESSAGE e000.  
  ELSE.  
    MESSAGE s001.  
  ENDIF.  
  
   AT SELECTION-SCREEN ON BLOCK b4 .                            "Validation for Account number  
  SELECT SINGLE racct INTO lv\_racct FROM ZGLPCC WHERE  
    racct IN s\_racct.  
  IF sy-subrc NE 0.  
    MESSAGE e000.  
  ELSE.  
    MESSAGE s001.  
  ENDIF.

\*&---------------------------------------------------------------------\*  
\*& Include          ZG08\_CLASS  
\*&---------------------------------------------------------------------\*  
CLASS cl\_alv\_inter DEFINITION FINAL.         "DEFINING OWN CLASS  FOR USING THE DOUBLE CLICK EVENT  
  PUBLIC SECTION.  
  
    METHODS : handle\_double\_click FOR EVENT double\_click OF cl\_gui\_alv\_grid  IMPORTING e\_row.     "double click event for the report from alv\_grid  
  
    CLASS-DATA lv\_click TYPE ls\_final-robjnr.  
  
ENDCLASS.  
  
CLASS cl\_alv\_inter IMPLEMENTATION.  
  
  METHOD handle\_double\_click.  
  
    READ TABLE lt\_FINAL INTO wa\_FINAL INDEX e\_row-index.  
  
    lv\_click = wa\_final-robjnr.  
  
  ENDMETHOD.  
  
ENDCLASS.

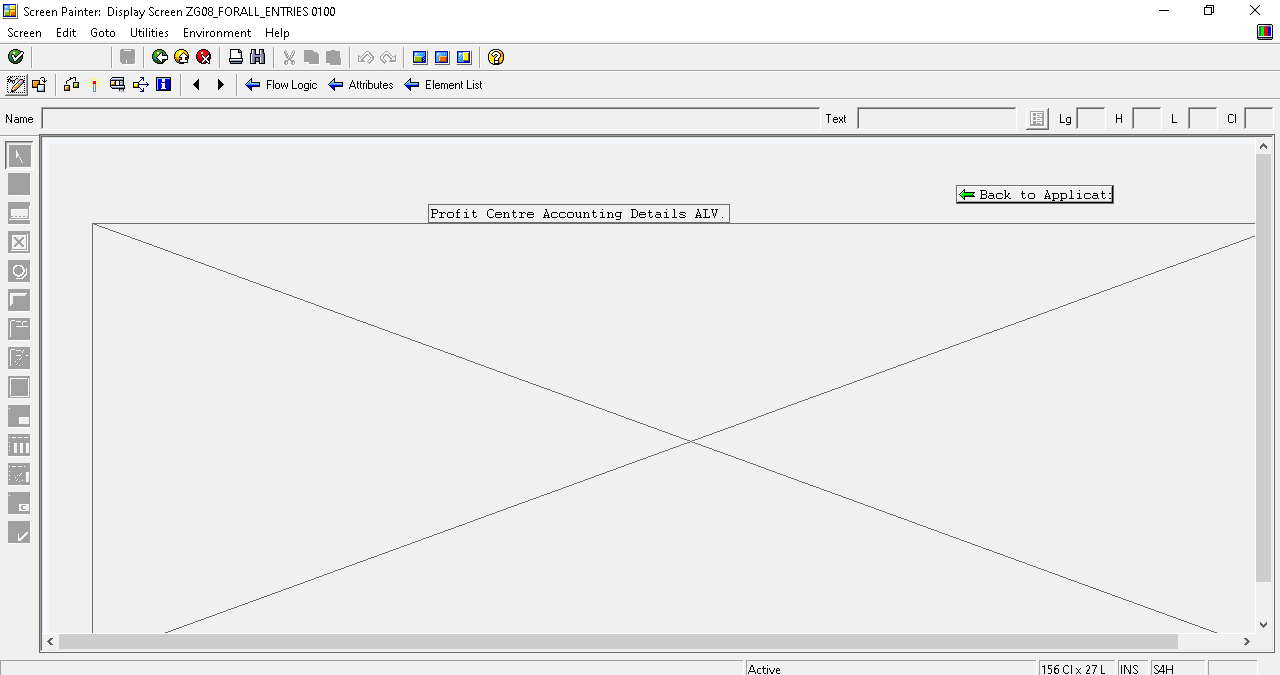
\*&---------------------------------------------------------------------\*  
\*& Include          ZGET\_DATA   
\*&---------------------------------------------------------------------\*

  SELECT zglpct~rldnr         "Ledger  
         zglpct~rrcty         "Record Type  
         zglpct~rvers         "Version  
         zglpct~ryear         "Fiscal Year  
         zglpct~robjnr        "Obj num for FI-SL tables  
         zglpct~cobjnr        "Obj num for FI-SL tables  
         zglpct~sobjnr        "Obj num for FI-SL tables  
         zglpct~rtcur         "Currency key  
  
         zglpco~bukrs         "Company code  
         zglpco~hoart         "Type of origin object  
  
    INTO  TABLE lt\_tab1  
    FROM zglpct INNER JOIN zglpco ON zglpct~robjnr = zglpco~objnr  
    WHERE rldnr IN s\_RLDNR AND bukrs IN s\_bukrs.  
  
  IF lt\_tab1[] IS NOT INITIAL.                """""""""""""# 1  
  
    SELECT objnr               "Obj num for FI-SL tables  
           racct               "Account Number  
           activ               "FI-SL Business Transaction  
           kokrs               "Controlling Area  
      INTO CORRESPONDING FIELDS OF TABLE lt\_tab2 FROM zglpcc  
       FOR ALL ENTRIES IN lt\_tab1 WHERE objnr EQ lt\_tab1-cobjnr AND  
       racct IN s\_racct AND kokrs IN s\_kokrs.    """""""""'# 2  
  
    DELETE ADJACENT DUPLICATES FROM lt\_tab1 COMPARING robjnr.  
  
    SORT lt\_tab2 BY objnr.            "sorting internal table with particular field  
  
    LOOP AT lt\_tab1 INTO wa\_tab1.  
  
      READ TABLE lt\_tab2 INTO wa\_tab2 WITH KEY objnr = wa\_tab1-cobjnr BINARY SEARCH.  
  
      IF sy-subrc = 0.  
  
        wa\_final-rldnr =  wa\_tab1-rldnr.          "Here moving data to final workareas from tab1 and tab2  
        wa\_final-rrcty = wa\_tab1-rrcty.  
        wa\_final-ryear =  wa\_tab1-ryear.  
        wa\_final-rvers = wa\_tab1-rvers.  
        wa\_final-robjnr = wa\_tab1-robjnr.  
        wa\_final-cobjnr = wa\_tab1-cobjnr.  
        wa\_final-sobjnr = wa\_tab1-sobjnr.  
        wa\_final-rtcur = wa\_tab1-rtcur.  
        wa\_final-bukrs = wa\_tab1-bukrs.  
        wa\_final-hoart =  wa\_tab1-hoart.  
        wa\_final-racct = wa\_tab2-racct.  
        wa\_final-activ = wa\_tab2-activ.  
        wa\_final-kokrs = wa\_tab2-kokrs.  
  
        APPEND wa\_final TO lt\_final.          "appending workarea final to internal table final  
  
      ELSE.  
        CONTINUE.  
      ENDIF.  
    ENDLOOP.  
  ENDIF.

\*----------------------------------------------------------------------\*  
\*\*\*INCLUDE ZG08\_OALV\_GETDATA   
\*----------------------------------------------------------------------\*  
PERFORM :get\_alv\_fcat USING TEXT-005 TEXT-017 TEXT-016 a,       "fieldcatlogs of fields  
         get\_alv\_fcat USING TEXT-006 TEXT-018 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-007 TEXT-019 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-008 TEXT-020 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-009 TEXT-021 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-010 TEXT-022 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-011 TEXT-023 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-012 TEXT-024 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-013 TEXT-025 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-014 TEXT-026 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-015 TEXT-027 TEXT-016 a,  
         get\_alv\_fcat USING TEXT-028 TEXT-029 TEXT-016 a.  
  
FORM get\_alv\_fcat  USING seltext fieldname tabname a.  
  a = a + 1.  
  wa\_fcat-col\_pos = a.                  "column position  
  wa\_fcat-coltext = seltext.            "Column Text  
  wa\_fcat-fieldname = fieldname.        "Column name  
  wa\_fCat-tabname  = tabname.           "Table name for that field name  
  IF a = 5 OR a = 6 OR a = 7.  
    wa\_fcat-no\_zero = 'X'.              "Removing zeros  
  ENDIF.  
  APPEND wa\_fcat TO lt\_fcat.  
  CLEAR wa\_fcat.  
  
  
ENDFORM.

CALL SCREEN 0100.





\*----------------------------------------------------------------------\*  
\*\*\*INCLUDE ZGO8\_STATUS\_100.  
\*----------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Module STATUS\_0100 OUTPUT  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
MODULE status\_0100 OUTPUT.  
 SET PF-STATUS text-050.    "MENUBAR  
  
ENDMODULE.

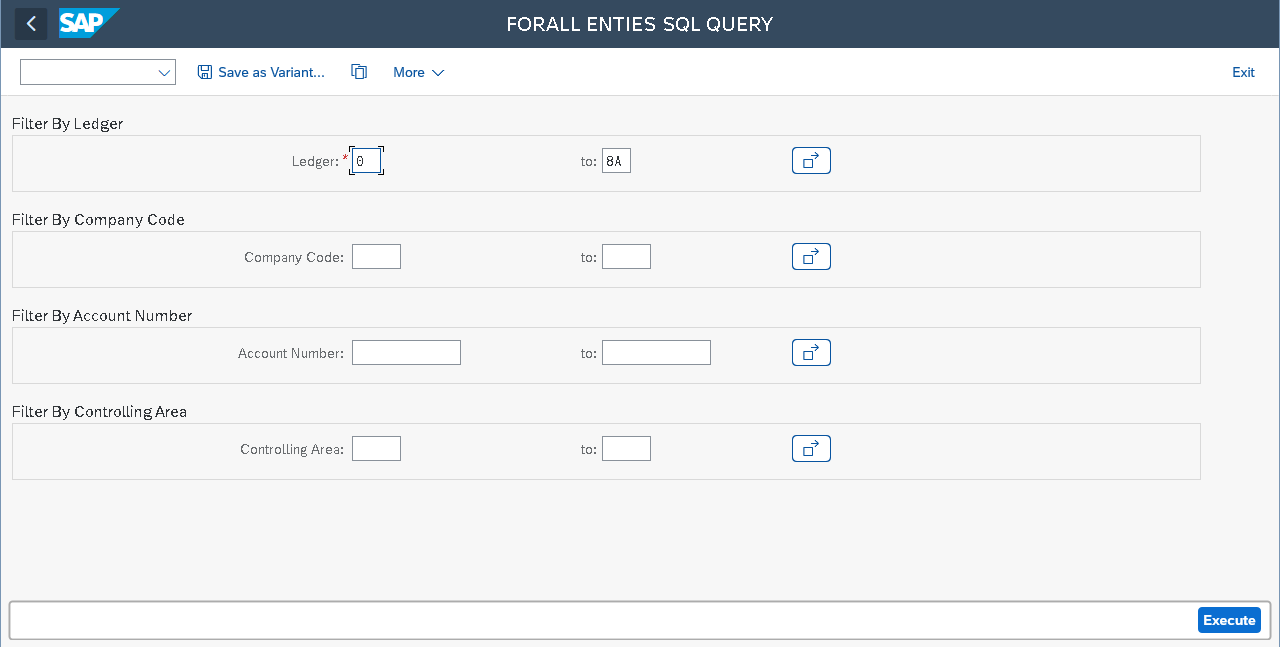
\*----------------------------------------------------------------------\*  
\*\*\*INCLUDE ZG08\_USER\_COMMAND\_100.  
\*----------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*&      Module  USER\_COMMAND\_0100  INPUT  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
MODULE user\_command\_0100 INPUT.  
  
  CASE sy-ucomm.  
    WHEN TEXT-031.          "Back Screen  
      LEAVE TO SCREEN 0.  
    WHEN TEXT-033.         "Download Excel file  
      INCLUDE zg08excel.  
    WHEN TEXT-032.   " Display Adobe Form  
      IF cl\_ALV\_INTER=>lv\_click IS NOT INITIAL.  
        INCLUDE zg08adobe.  
  
      ELSE.  
        MESSAGE i002.  
      ENDIF.  
  
  ENDCASE.  
  
ENDMODULE.

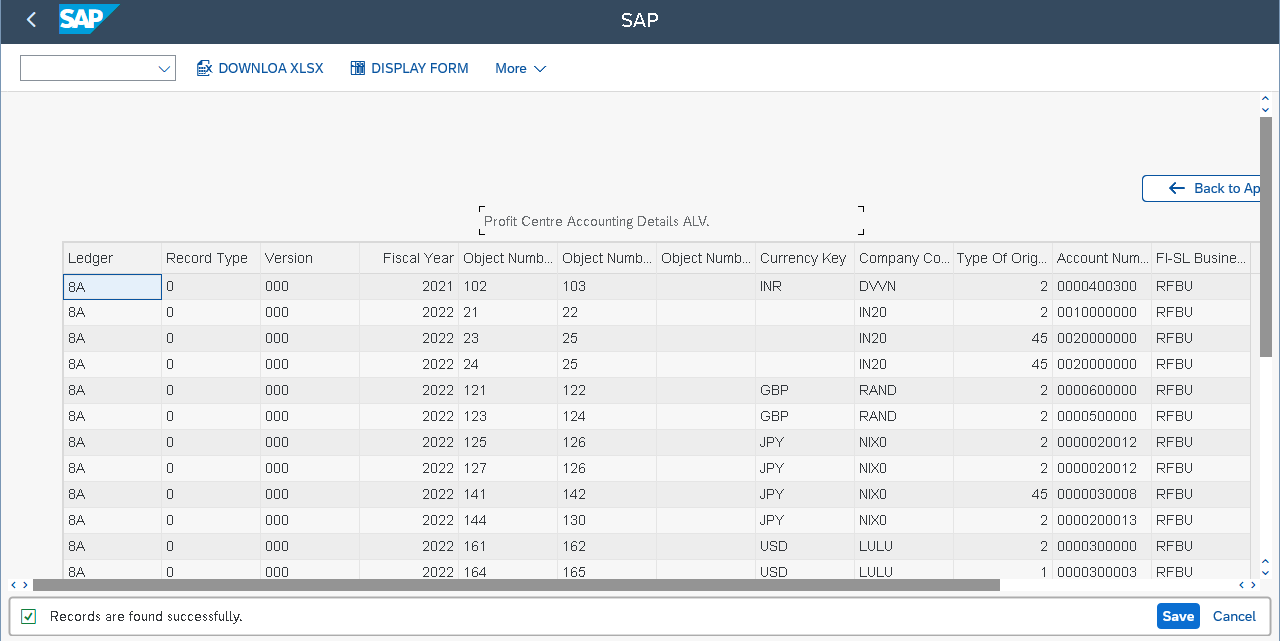
\*&---------------------------------------------------------------------\*  
\*& Include          ZG08EXCEL  
\*&---------------------------------------------------------------------\*  
CALL FUNCTION 'F4\_FILENAME'  
  EXPORTING  
    program\_name  = syst-cprog  
    dynpro\_number = syst-dynnr  
  IMPORTING  
    file\_name     = p\_file.  
DATA : lv\_file TYPE string.  
DATA : p1 TYPE string,  
       p2 TYPE string.  
lv\_file = p\_file.  
SPLIT lv\_file AT '.' INTO p1 p2.  
TRANSLATE p2 TO UPPER CASE.  
  
INCLUDE ZHEADEXCEL.  
  
IF p2 EQ 'XLS' OR p2 EQ 'TXT'.            "ADDING HEADER DATA TO THE EXCEL  
  CALL FUNCTION 'GUI\_DOWNLOAD'  
    EXPORTING  
      filename                = lv\_file  
      filetype                = 'ASC'  
      append                  = ' '  
      write\_field\_separator   = 'X'  
    TABLES  
      data\_tab                = it\_tabhead  
    EXCEPTIONS  
      file\_write\_error        = 1  
      no\_batch                = 2  
      gui\_refuse\_filetransfer = 3  
      invalid\_type            = 4  
      no\_authority            = 5  
      unknown\_error           = 6  
      header\_not\_allowed      = 7  
      separator\_not\_allowed   = 8  
      filesize\_not\_allowed    = 9  
      header\_too\_long         = 10  
      dp\_error\_create         = 11  
      dp\_error\_send           = 12  
      dp\_error\_write          = 13  
      unknown\_dp\_error        = 14  
      access\_denied           = 15  
      dp\_out\_of\_memory        = 16  
      disk\_full               = 17  
      dp\_timeout              = 18  
      file\_not\_found          = 19  
      dataprovider\_exception  = 20  
      control\_flush\_error     = 21  
      OTHERS                  = 22.  
  
  IF SY-SUBRC <> 0.  
\*    IMPLEMENT THE CODE  
  
  ENDIF.  
  
  CALL FUNCTION 'GUI\_DOWNLOAD'                        "ADDING BODY TO THE EXCEL  
    EXPORTING  
      filename                = lv\_file  
      filetype                = 'ASC'  
      append                  = 'X'  
      write\_field\_separator   = 'X'  
    TABLES  
      data\_tab                = lt\_final  
    EXCEPTIONS  
      file\_write\_error        = 1  
      no\_batch                = 2  
      gui\_refuse\_filetransfer = 3  
      invalid\_type            = 4  
      no\_authority            = 5  
      unknown\_error           = 6  
      header\_not\_allowed      = 7  
      separator\_not\_allowed   = 8  
      filesize\_not\_allowed    = 9  
      header\_too\_long         = 10  
      dp\_error\_create         = 11  
      dp\_error\_send           = 12  
      dp\_error\_write          = 13  
      unknown\_dp\_error        = 14  
      access\_denied           = 15  
      dp\_out\_of\_memory        = 16  
      disk\_full               = 17  
      dp\_timeout              = 18  
      file\_not\_found          = 19  
      dataprovider\_exception  = 20  
      control\_flush\_error     = 21  
      OTHERS                  = 22.  
  
  
  IF sy-subrc EQ 0.  
    MESSAGE s003.  
  ELSE .  
    MESSAGE e004.  
  ENDIF.  
  
ELSE .  
  MESSAGE w005.  
  
ENDIF.

\*&---------------------------------------------------------------------\*  
\*& Include          ZG08ADOBE  
\*&---------------------------------------------------------------------\*  
  
  
  
wa\_outputparams-nodialog = 'X'.  
wa\_outputparams-preview = 'X'.  
wa\_outputparams-dest = 'LP01'.  
wa\_outputparams-device = 'PRINTER'.  
CALL FUNCTION 'FP\_JOB\_OPEN'  
  CHANGING  
    ie\_outputparams = wa\_outputparams.  
  
CALL FUNCTION 'FP\_FUNCTION\_MODULE\_NAME'  
  EXPORTING  
    i\_name     = 'ZG08\_ADOBE\_FORM'  
  IMPORTING  
    e\_funcname = lv\_fm\_name.  
  
  
  
wa\_docsparams-langu = 'E'.  
wa\_docsparams-country = 'IN'.  
  
  
SELECT rrcty  
robjnr  
cobjnr  
sobjnr  
rtcur  
bukrs  
hoart  
racct  
activ  
kokrs  
  
INTO TABLE lt\_tab FROM zglpct AS ct INNER JOIN zglpco AS co ON ct~robjnr EQ co~objnr INNER JOIN zglpcc AS cc ON ct~cobjnr EQ cc~objnr  
  WHERE ct~robjnr EQ cl\_ALV\_INTER=>lv\_click.  
  
  
LOOP AT lt\_tab INTO wa\_tab.  
  
  
  
  CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_OUTPUT'  
    EXPORTING  
      input  = wa\_tab-cobjnr  
    IMPORTING  
      output = wa\_tab-cobjnr.  
  
  CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_OUTPUT'  
    EXPORTING  
      input  = wa\_tab-robjnr  
    IMPORTING  
      output = wa\_tab-robjnr.  
  
  CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_OUTPUT'  
    EXPORTING  
      input  = wa\_tab-sobjnr  
    IMPORTING  
      output = wa\_tab-sobjnr.  
  
  CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_OUTPUT'  
    EXPORTING  
      input  = wa\_tab-racct  
    IMPORTING  
      output = wa\_tab-racct.  
  APPEND wa\_tab TO lt\_tab12.  
ENDLOOP.  
  
CALL FUNCTION lv\_fm\_name "'/1BCDWB/SM00001081' AUTO GENERATED FUNCTION MODULE  
  EXPORTING  
    /1bcdwb/docparams = wa\_docsparams  
    gt\_tab            = lt\_tab12.  
  
  
CALL FUNCTION 'FP\_JOB\_CLOSE'  
\*   IMPORTING  
\*     E\_RESULT             =  
  .  
CLEAR : Lt\_tab12,  
        lt\_tab,  
        wa\_tab.

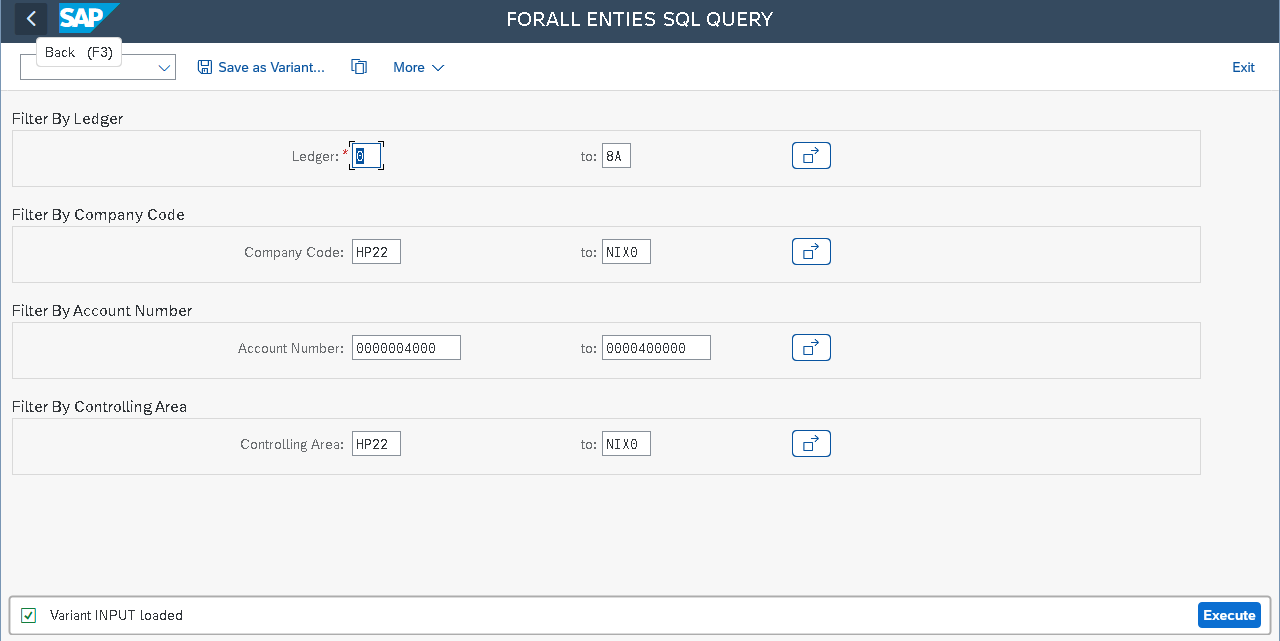
\*----------------------------------------------------------------------\*  
\*\*\*INCLUDE ZG08\_OOPS\_ALV.  
\*----------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Module OOALV\_PROJ08 OUTPUT  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
MODULE ooalv\_proj08 OUTPUT.  
  
  Ls\_layout-zebra = 'X'.                    "Zebra crossing pattern  
  ls\_layout-no\_toolbar = 'X'.               "removes top tool bar in the report  
\*  ls\_layout-grid\_title = TEXT-030.  
  
  CREATE OBJECT i\_container  
    EXPORTING  
      container\_name = TEXT-034.      "passing Custom Container name  
  
  
  CREATE OBJECT i\_alvgrid  
    EXPORTING  
      i\_parent = i\_container.  
  
  DATA i\_handler TYPE REF TO cl\_alv\_inter.  
  CREATE OBJECT i\_handler.  
  
  SET HANDLER : i\_handler->handle\_double\_click FOR i\_ALVgrid.  
  
  CALL METHOD i\_alvgrid->set\_table\_for\_first\_display  
    EXPORTING  
      i\_structure\_name = TEXT-035           "final structure - LS\_FINAL  
      i\_save           = 'X'  
      i\_default        = 'X'  
      is\_layout        = ls\_layout  
    CHANGING  
      it\_outtab        = lt\_final           "final internal table - LT\_FINAL  
      it\_fieldcatalog  = lt\_fcat.  
  
  
  
ENDMODULE.

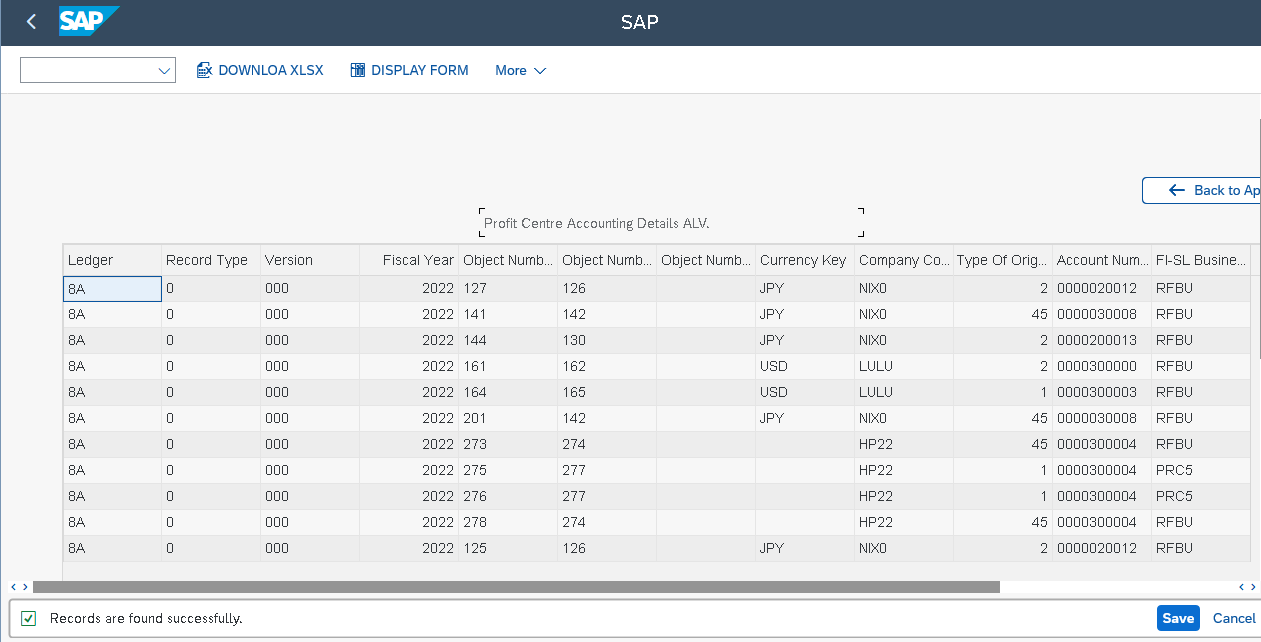
**OUTPUT:**

1)with Mandatory field  


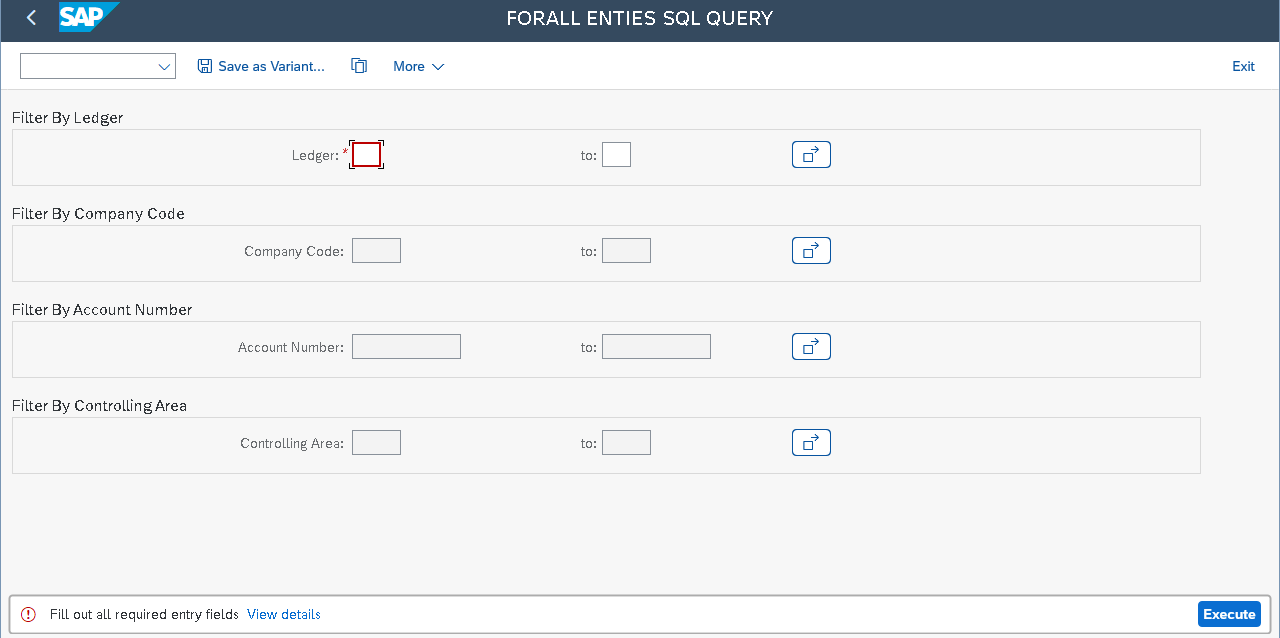


2)All valid inputs:

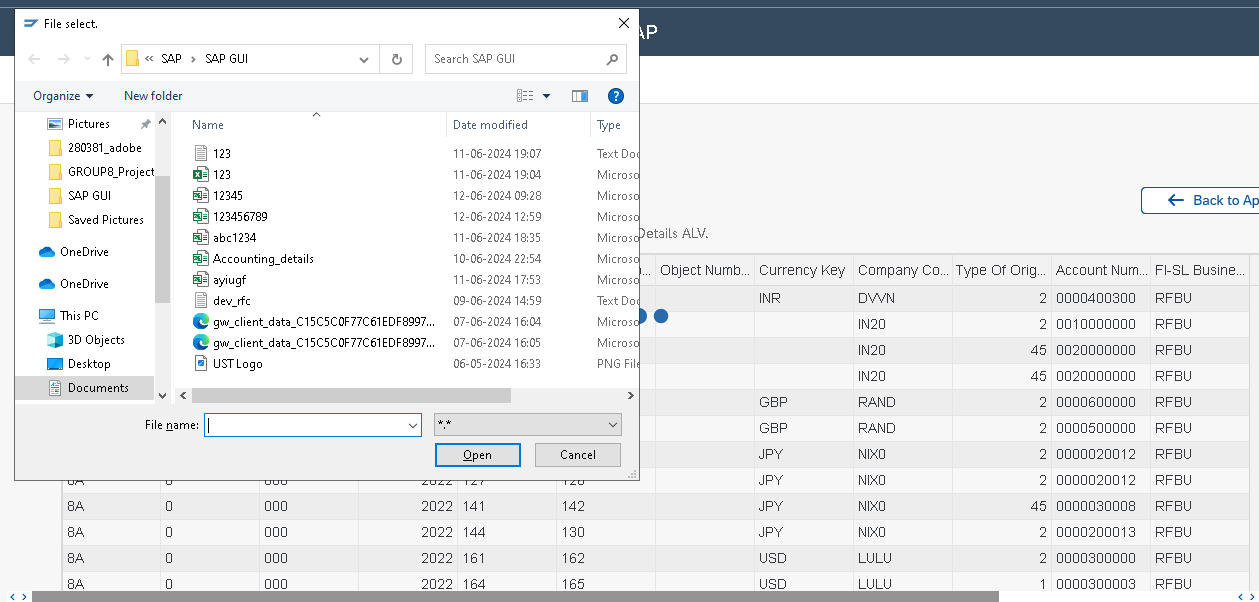


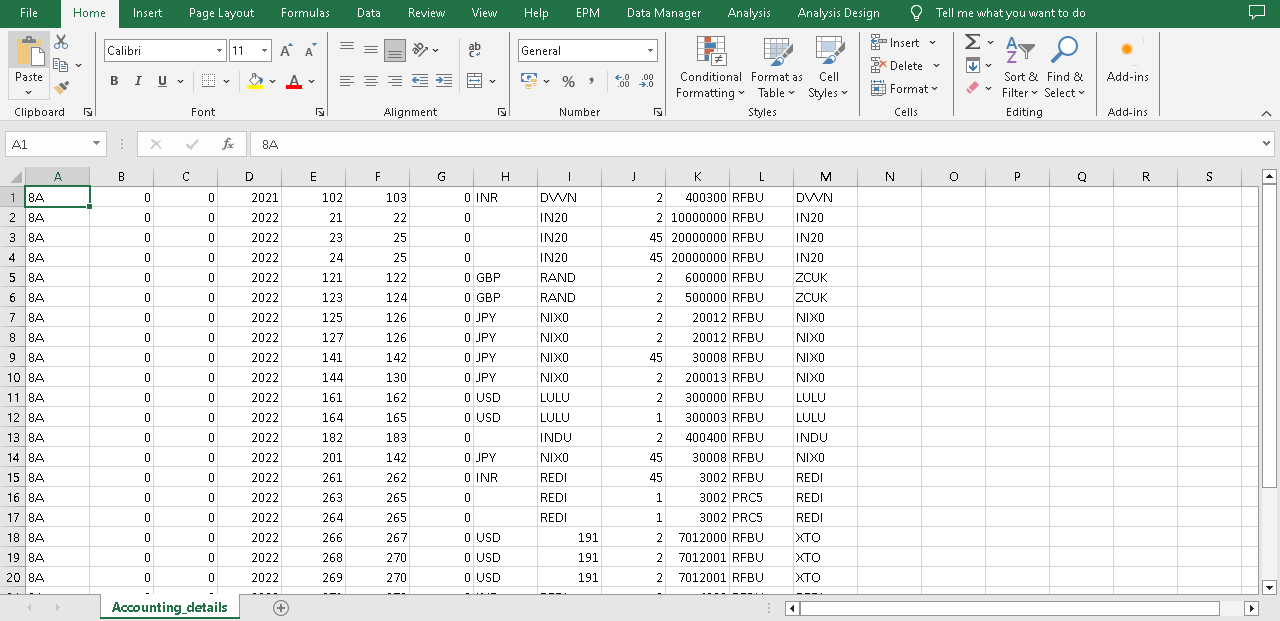


3)SCREEn Validations:



**Download Excel (Button):**





**CDS VIEW:**

@AbapCatalog.sqlViewName: 'ZG08\_CDS\_VIEW'

@AbapCatalog.compiler.compareFilter: true

@AbapCatalog.preserveKey: true

@AccessControl.authorizationCheck: #NOT\_REQUIRED

@EndUserText.label: 'cds view - 3 tables joins'

**define** **view** ZCDS\_VIEW

**with** **parameters** P\_LEDGER1 **:** *rldnr***,**

P\_LEDGER2 **:***rldnr*

**as** **select** **from** zglpct

**inner** **join** zglpco **on**

zglpct**.**robjnr **=** zglpco**.**objnr //1st and 2nd table

**inner** **join** zglpcc **on**

zglpct**.**cobjnr **=** zglpcc**.**objnr //1st and 3rd table

**{**

**key** zglpct**.**rldnr **as** Ledger**,**

**key** zglpct**.**rrcty **as** Record\_Type**,**

**key** zglpct**.**rvers **as** Version**,**

**key** zglpct**.**ryear **as** Fiscal\_year**,**

**key** zglpct**.**robjnr **as** obj\_num\_FISL**,**

**key** zglpct**.**cobjnr **as** obj\_nums\_FISL**,**

**key** zglpct**.**sobjnr **as** obj\_numss\_FISL**,**

**key** zglpct**.**rtcur **as** Currency\_key**,**

zglpco**.**bukrs **as** Aunties**,**

zglpco**.**hoart **as** Type\_of\_origin\_Obj**,**

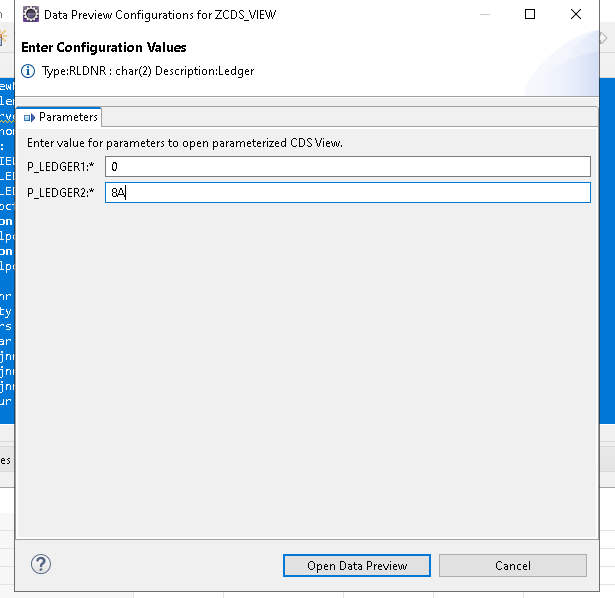
zglpcc**.**racct **as** Account\_num**,**

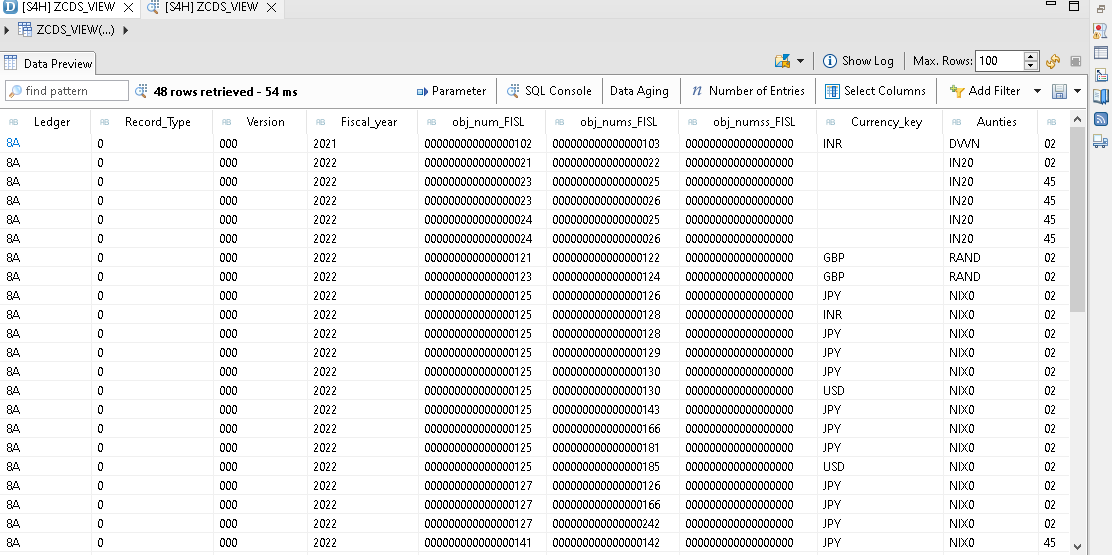
zglpcc**.**activ **as** Business\_transaction**,**

zglpcc**.**kokrs **as** Controlling\_area

**}** **where** zglpct**.**rldnr **between** **:**P\_LEDGER1 **and** **:**P\_LEDGER2**;**

**OutPUT:**





**Driver Program to call the CDS view with SALV IDA in SAP GUI:**

\*&---------------------------------------------------------------------\*  
\*& Report ZG08\_CDS\_VIEW  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZG08\_CDS\_VIEW.  
PARAMETERS :PLEDGERL TYPE RLDNR,     "Ledger     "parameterized  
            PLEDGERH TYPE RLDNR.  
data(i\_SALV) = CL\_SALV\_GUI\_TABLE\_IDA=>create\_for\_cds\_view(  
                iv\_cds\_view\_name    = 'ZCDS\_VIEW'  
    ).  
I\_SALV->set\_view\_parameters( it\_parameters = VALUE #( ( NAME = 'P\_LEDGER1'  VALUE = PLEDGERL )  
                                                      ( NAME = 'P\_LEDGER2'  VALUE = PLEDGERH ) ) ).  
I\_SALV->FULLSCREEN( )->display( ).                "to display in full screen mode.

**OUTPUT:**

