\*&---------------------------------------------------------------------\*  
\*& Report  ZALV\_01  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*&  
\*&---------------------------------------------------------------------\*  
  
REPORT  zalv\_01.  
  
TYPES:  
BEGIN OF ty\_data,  
  ebeln TYPE ebeln,  
  ebelp TYPE ebelp,  
  matnr TYPE matnr,  
  werks TYPE werks\_d,  
  lgort TYPE lgort\_d,  
  menge TYPE bstmg,  
  meins TYPE bstme,  
  netpr TYPE bprei,  
  peinh TYPE epein,  
  netwr TYPE bwert,  
END OF ty\_data,  
ty\_data\_tab TYPE TABLE OF ty\_data.  
  
DATA: wa\_data TYPE ty\_data,  
      it\_data TYPE ty\_data\_tab.  
  
  
DATA: it\_fcat TYPE slis\_t\_fieldcat\_alv,  
      wa\_fcat TYPE slis\_fieldcat\_alv.  
  
DATA: it\_sort TYPE slis\_t\_sortinfo\_alv,  
      wa\_sort TYPE slis\_sortinfo\_alv.  
  
SELECT-OPTIONS s\_ebeln FOR wa\_data-ebeln.  
  
START-OF-SELECTION.  
  PERFORM get\_data.  
  PERFORM fill\_fcat.  
  PERFORM fill\_sort.  
  
END-OF-SELECTION.  
  PERFORM display\_data.  
\*&---------------------------------------------------------------------\*  
\*&      Form  GET\_DATA  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM get\_data .  
  SELECT  
    ebeln  
    ebelp  
    matnr  
    werks  
    lgort  
    menge  
    meins  
    netpr  
    peinh  
    netwr  
    FROM ekpo  
\*    UP TO 5 ROWS  
    INTO TABLE it\_data  
    WHERE ebeln IN s\_ebeln.  
  
ENDFORM.                    " GET\_DATA  
\*&---------------------------------------------------------------------\*  
\*&      Form  DISPLAY\_DATA  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM display\_data .  
  CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
   EXPORTING  
\*   I\_INTERFACE\_CHECK                 = ' '  
\*   I\_BYPASSING\_BUFFER                = ' '  
\*   I\_BUFFER\_ACTIVE                   = ' '  
     i\_callback\_program                = sy-repid  
\*   I\_CALLBACK\_PF\_STATUS\_SET          = ' '  
\*   I\_CALLBACK\_USER\_COMMAND           = ' '  
\*   I\_CALLBACK\_TOP\_OF\_PAGE            = ' '  
\*   I\_CALLBACK\_HTML\_TOP\_OF\_PAGE       = ' '  
\*   I\_CALLBACK\_HTML\_END\_OF\_LIST       = ' '  
\*   i\_structure\_name                  = 'ZTEST\_EKPO'  
\*   I\_BACKGROUND\_ID                   = ' '  
\*   I\_GRID\_TITLE                      =  
\*   I\_GRID\_SETTINGS                   =  
\*   IS\_LAYOUT                         =  
     it\_fieldcat                       = it\_fcat  
\*   IT\_EXCLUDING                      =  
\*   IT\_SPECIAL\_GROUPS                 =  
   it\_sort                           = it\_sort  
\*   IT\_FILTER                         =  
\*   IS\_SEL\_HIDE                       =  
\*   I\_DEFAULT                         = 'X'  
\*   I\_SAVE                            = ' '  
\*   IS\_VARIANT                        =  
\*   IT\_EVENTS                         =  
\*   IT\_EVENT\_EXIT                     =  
\*   IS\_PRINT                          =  
\*   IS\_REPREP\_ID                      =  
\*   I\_SCREEN\_START\_COLUMN             = 0  
\*   I\_SCREEN\_START\_LINE               = 0  
\*   I\_SCREEN\_END\_COLUMN               = 0  
\*   I\_SCREEN\_END\_LINE                 = 0  
\*   I\_HTML\_HEIGHT\_TOP                 = 0  
\*   I\_HTML\_HEIGHT\_END                 = 0  
\*   IT\_ALV\_GRAPHICS                   =  
\*   IT\_HYPERLINK                      =  
\*   IT\_ADD\_FIELDCAT                   =  
\*   IT\_EXCEPT\_QINFO                   =  
\*   IR\_SALV\_FULLSCREEN\_ADAPTER        =  
\* IMPORTING  
\*   E\_EXIT\_CAUSED\_BY\_CALLER           =  
\*   ES\_EXIT\_CAUSED\_BY\_USER            =  
    TABLES  
      t\_outtab                          = it\_data  
\* EXCEPTIONS  
\*   PROGRAM\_ERROR                     = 1  
\*   OTHERS                            = 2  
            .  
  IF sy-subrc <> 0.  
\* Implement suitable error handling here  
  ENDIF.  
  
ENDFORM.                    " DISPLAY\_DATA  
\*&---------------------------------------------------------------------\*  
\*&      Form  FILL\_FCAT  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM fill\_fcat .  
  CALL FUNCTION 'REUSE\_ALV\_FIELDCATALOG\_MERGE'  
   EXPORTING  
\*     I\_PROGRAM\_NAME               =  
\*     I\_INTERNAL\_TABNAME           =  
     i\_structure\_name             = 'ZTEST\_EKPO'  
\*     I\_CLIENT\_NEVER\_DISPLAY       = 'X'  
\*     I\_INCLNAME                   =  
\*     I\_BYPASSING\_BUFFER           =  
\*     I\_BUFFER\_ACTIVE              =  
    CHANGING  
      ct\_fieldcat                  = it\_fcat  
\*   EXCEPTIONS  
\*     INCONSISTENT\_INTERFACE       = 1  
\*     PROGRAM\_ERROR                = 2  
\*     OTHERS                       = 3  
            .  
  IF sy-subrc <> 0.  
\* Implement suitable error handling here  
  ENDIF.  
  LOOP AT it\_fcat INTO wa\_fcat.  
    IF wa\_fcat-fieldname = 'NETPR'  
    OR wa\_fcat-fieldname = 'NETWR'  
    OR wa\_fcat-fieldname = 'MENGE'.  
      wa\_fcat-do\_sum = 'X'.  
      MODIFY it\_fcat FROM wa\_fcat INDEX sy-tabix.  
    ENDIF.  
  ENDLOOP.  
  
\*  wa\_fcat-fieldname = 'EBELN'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-seltext\_l = 'Pur.Doc'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'EBELP'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-seltext\_l = 'Item'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'MATNR'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-seltext\_l = 'Material'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'WERKS'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-seltext\_l = 'Plant'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'LGORT'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-seltext\_l = 'Stor. Loc.'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'MENGE'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-do\_sum = 'X'.  
\*  wa\_fcat-seltext\_l = 'Quantity'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'MEINS'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-seltext\_l = 'UoM'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'NETPR'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-do\_sum = 'X'.  
\*  wa\_fcat-seltext\_l = 'Unit Price'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'PEINH'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-seltext\_l = 'Price Unit'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
\*  
\*  wa\_fcat-fieldname = 'NETWR'.  
\*  wa\_fcat-tabname = 'IT\_DATA'.  
\*  wa\_fcat-do\_sum = 'X'.  
\*  wa\_fcat-seltext\_l = 'Gross Value'.  
\*  APPEND wa\_fcat TO it\_fcat.  
\*  CLEAR wa\_fcat.  
ENDFORM.                    " FILL\_FCAT  
\*&---------------------------------------------------------------------\*  
\*&      Form  FILL\_SORT  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM fill\_sort .  
  wa\_sort-fieldname = 'EBELN'.  
  wa\_sort-tabname = 'IT\_EKPO'.  
  wa\_sort-subtot = 'X'.  
  APPEND wa\_sort TO it\_sort.  
ENDFORM.                    " FILL\_SORT