\*&---------------------------------------------------------------------\*  
\*& Report  ZAK\_ALV  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*&  
\*&---------------------------------------------------------------------\*  
  
REPORT  ZAK\_ALV.  
data:gv\_lifnr type lifnr,  
      gv\_werks type werks\_d,  
      gv\_budat type budat.

type-POOLS:slis.

types:BEGIN OF ty\_RBKP,  
      lifnr type lifnr,  
      name1 type name1,  
      budat type budat,  
     menge type  menge\_d,  
      wrbtr type wrbtr,  
  end of ty\_RBKP.

  TYPES: BEGIN OF ty\_lfa1,  
       lifnr TYPE LIFNR,  
       NAME1 TYPE NAME1,  
    END OF ty\_lfa1.  
  
    data:wa\_RBKP type ty\_RBKP,  
         it\_RBKP type TABLE OF ty\_RBKP,  
  
         wa\_RBKP1 type ty\_RBKP,  
         it\_RBKP1 type TABLE OF ty\_RBKP,  
  
         wa\_lfa1  type ty\_lfa1,  
         it\_lfa1 type TABLE OF ty\_lfa1,  
  
         wa\_final  type ty\_RBKP,  
         it\_final type TABLE OF ty\_RBKP.  
  
    "--slis dclaration  
  
    data:wa\_fcat type slis\_fieldcat\_alv,  
          wa\_layout type slis\_layout\_alv,  
          wa\_header type slis\_listheader,  
          wa\_event type slis\_alv\_event,  
          it\_fcat  type slis\_t\_fieldcat\_alv,  
  
          it\_header type slis\_t\_listheader,  
          it\_event type slis\_t\_event.  
    data:n(4) type c,  
          header(30) type c,  
           f\_header type SLIS\_FORMNAME VALUE 'F\_HEADER'.  
    SELECTION-SCREEN:begin of BLOCK b1 WITH FRAME TITLE text-000.  
      select-OPTIONS:s\_lifnr for gv\_lifnr,  
                     s\_werks for gv\_werks,  
                     s\_budat for gv\_budat.  
  
    selection-screen:END OF BLOCK b1.  
  
    PERFORM f\_get\_rbkp\_rseg.  
    PERFORM f\_get\_lfa1.  
    PERFORM f\_read\_data.  
    PERFORM f\_fill\_cat.  
    PERFORM f\_layout.  
    PERFORM f\_fill\_events.  
    PERFORM F\_HEADER.  
    PERFORM f\_display\_alv.  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_GET\_RBKP\_RSEG  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_GET\_RBKP\_RSEG .  
  
  select rbkp~lifnr  
         RBKP~NAME1  
         rbkp~budat  
         rseg~menge  
         rseg~wrbtr into table it\_rbkp  
        from rbkp INNER JOIN rseg  
        on rbkp~belnr = rseg~belnr  
        WHERE rbkp~budat in s\_budat  
        and rbkp~lifnr in s\_lifnr  
        and rseg~werks in s\_werks.  
  
  
ENDFORM.                    " F\_GET\_RBKP\_RSEG  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_GET\_LFA1  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_GET\_LFA1 .  
  check it\_rbkp is not initial.  
  select lifnr name1 from lfa1  
    into table it\_lfa1  
    FOR ALL ENTRIES IN  it\_rbkp  
    where lifnr = it\_rbkp-lifnr.  
  
  
ENDFORM.                    " F\_GET\_LFA1  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_READ\_DATA  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_READ\_DATA .  
  
  sort it\_rbkp by lifnr budat.  
  it\_rbkp1 = it\_rbkp.  
  delete ADJACENT DUPLICATES FROM it\_rbkp1 COMPARING lifnr.

  loop at it\_rbkp1 into wa\_rbkp1.  
    loop at it\_rbkp into wa\_rbkp  
      where lifnr = wa\_rbkp1-lifnr.  
      wa\_final-wrbtr = wa\_final-wrbtr + wa\_rbkp-wrbtr.  
      wa\_final-menge = wa\_final-menge + wa\_rbkp-menge.  
      ENDLOOP.

    wa\_final-lifnr = wa\_rbkp1-lifnr.  
    READ TABLE it\_lfa1 into wa\_lfa1  
     with KEY lifnr = wa\_rbkp1-lifnr.  
  
    wa\_final-name1 = wa\_Lfa1-name1.  
    wa\_final-budat = wa\_rbkp-budat.  
    APPEND wa\_final to it\_final.  
    CLEAR wa\_final.  
    ENDLOOP.  
  
  
  
ENDFORM.                    " F\_READ\_DATA  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_FILL\_CAT  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_FILL\_CAT .  
  
  wa\_fcat-fieldname = 'LIFNR'.  
  wa\_fcat-seltext\_m = 'vendor code'.  
  APPEND wa\_fCAT to it\_fcat.  
  
  wa\_fcat-fieldname = 'NAME1'.  
  wa\_fcat-seltext\_m = 'vendor name'.  
  APPEND wa\_fcat to it\_fcat.  
  
  wa\_fcat-fieldname = 'BUDAT'.  
  wa\_fcat-seltext\_m = 'last tr date'.  
  APPEND wa\_fCAT to it\_fcat.  
  
  wa\_fcat-fieldname = 'MENGE'.  
  wa\_fcat-seltext\_m = 'total quan'.  
  wa\_fcat-do\_sum = 'x'.  
  APPEND wa\_fCAT to it\_fcat.  
  
  wa\_fcat-fieldname = 'WRBTR'.  
  wa\_fcat-seltext\_m = 'total amount'.  
  wa\_fcat-do\_sum = 'x'.  
  APPEND wa\_fCAT to it\_fcat.  
  
ENDFORM.                    " F\_FILL\_CAT  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_LAYOUT  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_LAYOUT .  
  wa\_layout-zebra = 'x'.  
  wa\_layout-colwidth\_optimize = 'x'.  
  
  
ENDFORM.                    " F\_LAYOUT  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_FILL\_EVENTS  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_FILL\_EVENTS .  
  wa\_event-form = 'F\_HEADER'.  
  wa\_event-name = 'TOP\_OF\_PAGE'.  
  APPEND wa\_event to it\_event.  
  
  wa\_header-typ = 'H'.  
  wa\_header-info = 'kmr soft'.  
  APPEND wa\_header to it\_header.  
  cleaR wa\_header.

  wa\_header-typ = 'S'.  
  wa\_header-info = 'top vendor list'.  
  APPEND wa\_header to it\_header.  
  cleaR wa\_header.  
  
  DESCRIBE TABLE it\_final LINES N.  
  CONCATENATE 'NO OF REGARDS' N INTO HEADER SEPARATED BY ' '.  
  
  wa\_header-typ = 'A'.  
  wa\_header-info = 'HEADER'.  
  APPEND wa\_header to it\_header.  
  cleaR wa\_header.  
  
  
ENDFORM.                    " F\_FILL\_EVENTS  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_HEADER  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_HEADER .  
CALL FUNCTION 'REUSE\_ALV\_COMMENTARY\_WRITE'  
EXPORTING  
  IT\_LIST\_COMMENTARY = IT\_HEADER.  
  
ENDFORM.  
\*&---------------------------------------------------------------------\*  
\*&      Form  F\_DISPLAY\_ALV  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*  -->  p1        text  
\*  <--  p2        text  
\*----------------------------------------------------------------------\*  
FORM F\_DISPLAY\_ALV .  
  
  DATA:LV\_REPID TYPE SY-REPID.  
  
       LV\_REPID = SY-REPID.  
       SORT IT\_FINAL BY WRBTR DESCENDING.  
  
       CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
       EXPORTING  
         I\_CALLBACK\_PROGRAM = LV\_REPID  
         IS\_LAYOUT = WA\_LAYOUT  
         IT\_FIELDCAT = IT\_FCAT  
         I\_SAVE = 'X'  
         IT\_EVENTS = IT\_EVENT  
      TABLES  
        T\_OUTTAB = IT\_FINAL.  
  
  
ENDFORM.