\*&---------------------------------------------------------------------\*  
\*& Report ZVAISH\_ALV\_GRID\_DISPLAY  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZVAISH\_ALV\_GRID\_DISPLAY.  
\*&---------------------------------------------------------------------\*  
\*& Report ZVAISH\_ALV\_LIST\_DISPLAY  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
  
INCLUDE ZVAISH\_ALV\_MAT\_TOP.  
  
SELECT-OPTIONS s\_matnr for lv\_matnr obligatory.  
  
INITIALIZATION.  
clear : wa\_fieldcat, lt\_fieldcat.  
s\_matnr-low = '1'.  
s\_matnr-high = '100'.  
APPEND s\_matnr.  
  
at SELECTION-SCREEN.  
  select single matnr  
    into lv\_matnr  
    from mara  
    where matnr in s\_matnr.  
  
    if sy-subrc eq 0.  
      write : 'records are found'.  
      else.  
        write : 'records are not found'.  
      ENDIF.  
  
  
  
START-OF-SELECTION.  
perform get\_mat\_data.  
perform get\_alv\_fcat.  
end-of-selection.  
perform dis\_mat\_alv.  
  
  
  
  
  
FORM get\_mat\_data .  
  
  select matnr mbrsh mtart meins brgew ntgew  
    into table lt\_tab  
    from mara  
    where matnr in s\_matnr.  
  
     if sy-subrc eq 0.  
       write: 'records are found'.  
       ELSe.  
         write:'records are not found'.  
       ENDIF.  
  
ENDFORM.  
  
  
  
  
  
FORM get\_alv\_fcat.  
  
  wa\_fieldcat-col\_pos = '1'.  
  wa\_fieldcat-seltext\_m = 'material number'.  
   wa\_fieldcat-fieldname = 'matnr'.  
     wa\_fieldcat-tabname = 'lt\_tab'.  
     append wa\_fieldcat to lt\_fieldcat.  
  
       wa\_fieldcat-col\_pos = '2'.  
  wa\_fieldcat-seltext\_m = 'industry'.  
   wa\_fieldcat-fieldname = 'mbrsh'.  
     wa\_fieldcat-tabname = 'lt\_tab'.  
         append wa\_fieldcat to lt\_fieldcat.  
  
    wa\_fieldcat-col\_pos = '3'.  
  wa\_fieldcat-seltext\_m = 'order number'.  
   wa\_fieldcat-fieldname = 'mtart'.  
     wa\_fieldcat-tabname = 'lt\_tab'.  
         append wa\_fieldcat to lt\_fieldcat.  
  
    wa\_fieldcat-col\_pos = '4'.  
  wa\_fieldcat-seltext\_m = 'base unit of measure'.  
   wa\_fieldcat-fieldname = 'meins'.  
     wa\_fieldcat-tabname = 'lt\_tab'.  
         append wa\_fieldcat to lt\_fieldcat.  
  
    wa\_fieldcat-col\_pos = '5'.  
  wa\_fieldcat-seltext\_m = 'gross weight'.  
   wa\_fieldcat-fieldname = 'brgew'.  
     wa\_fieldcat-tabname = 'lt\_tab'.  
         append wa\_fieldcat to lt\_fieldcat.  
  
  
wa\_fieldcat-col\_pos = '6'.  
wa\_fieldcat-fieldname = 'ntgew'.  
wa\_fieldcat-seltext\_l = 'net weight'.  
wa\_fieldcat-tabname = 'lt\_tab'.  
    append wa\_fieldcat to lt\_fieldcat.  
  
  
  
ENDFORM.  
  
  
  
  
FORM dis\_mat\_alv .  
  
  CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
  EXPORTING  
\*     I\_BUFFER\_ACTIVE                = ' '  
 I\_CALLBACK\_PROGRAM             = ' ZVAISH\_ALV\_GRID\_DISPLAY'  
  
   IT\_FIELDCAT                    = lt\_fieldcat  
  
    TABLES  
      t\_outtab                       =  lt\_tab  
\*   EXCEPTIONS  
\*     PROGRAM\_ERROR                  = 1  
\*     OTHERS                         = 2  
            .  
  IF sy-subrc <> 0.  
\* Implement suitable error handling here  
  ENDIF.  
  
  
ENDFORM.