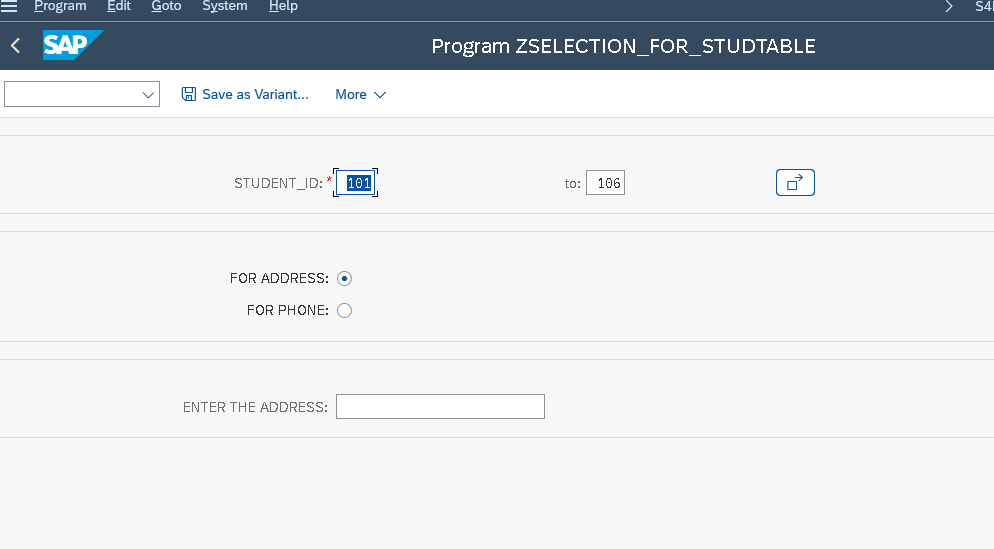
WEEK2 PROGRAMS:

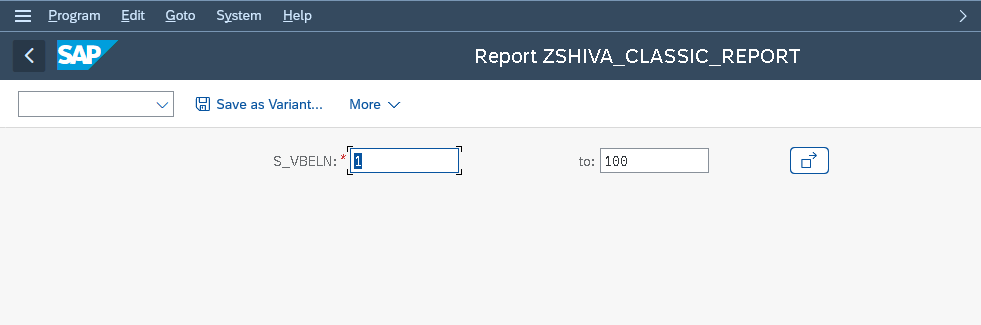
REPORT zselection\_for\_studtable NO STANDARD PAGE HEADING LINE-COUNT 20(3) LINE-SIZE 500.  
TYPES : BEGIN OF ls\_tab,  " structure1  
          lv\_stud\_id   TYPE zstud\_id,  
          lv\_stud\_name TYPE zstud\_name,  
          lv\_stud\_ph   TYPE zstud\_ph,  
          lv\_stud\_add  TYPE zstud\_add,  
        END OF ls\_tab. " end of structure  
DATA : lt\_tab TYPE STANDARD TABLE OF ls\_tab,  " internal tab 1  
       wa\_tab TYPE ls\_tab.   " work area 1  
  
DATA lv\_STUD\_ID TYPE zstud\_id.  
  
SELECTION-SCREEN : BEGIN OF BLOCK area1 WITH FRAME TITLE TEXT-001 .  
  SELECT-OPTIONS s\_s\_id FOR wa\_tab-lv\_stud\_id OBLIGATORY .  
SELECTION-SCREEN END OF BLOCK area1.  
  
  
  
SELECTION-SCREEN : BEGIN OF BLOCK area2 WITH FRAME TITLE TEXT-003.  
  PARAMETERS : r1 RADIOBUTTON GROUP rad1 USER-COMMAND flag DEFAULT 'X',  
               r2 RADIOBUTTON GROUP rad1.  
SELECTION-SCREEN END OF BLOCK area2.  
  
  
  
SELECTION-SCREEN : BEGIN OF BLOCK area3 WITH FRAME TITLE TEXT-002.  
  PARAMETERS : p\_s\_a  TYPE zstud\_add MODIF ID m1,  
               p\_s\_ph TYPE zstud\_ph MODIF ID m2.  
SELECTION-SCREEN END OF BLOCK area3.  
  
AT SELECTION-SCREEN OUTPUT.  
  
  LOOP AT SCREEN.  
    IF r1 = 'X' AND  
    screen-group1 = 'M2'.  
      screen-active = 0.  
\*    SCREEN-INVISIBLE = 1.  
    ELSEIF r2 = 'X' AND  
      screen-group1 = 'M1'.  
      screen-active = 0.  
    ENDIF.  
    MODIFY SCREEN.  
  ENDLOOP.  
  START-OF-SELECTION.  
      if r1 = 'X'.  
        PERFORM get\_mat\_dataforselection.  
        else.  
          PERFORM disp\_mat\_dataforselection.  
        ENDIF.  
\*SELECTION-SCREEN : BEGIN OF BLOCK AREA4 WITH FRAME TITLE TEXT-004.  
\*PARAMETERS : c1 AS CHECKBOX,  
\*             c2 AS CHECKBOX DEFAULT 'X'.  
\*SELECTION-SCREEN END OF BLOCK AREA4.  
INITIALIZATION.  
  s\_s\_id-low  =  ' 101'.  
  s\_s\_id-high  = '106'.  
  APPEND s\_s\_id.  
  
AT SELECTION-SCREEN ON s\_s\_id.   " 1 to 100  
  SELECT SINGLE stud\_id  
    INTO lv\_STUD\_ID  
     FROM zshiva\_student  
  WHERE stud\_id IN s\_s\_id.  
  
START-OF-SELECTION.  
  PERFORM get\_mat\_dataforselection.  
  PERFORM disp\_mat\_dataforselection.  
  
END-OF-SELECTION.  
  
  
  DATA lv\_count TYPE i.  
  lv\_count = sy-linct - sy-linno.  
  SKIP lv\_count.  
  
TOP-OF-PAGE.  
  ULINE.  
  WRITE :/ 'Material No',  
         30 'Mat Ind',  
         40 'Mat Type',  
         55 'Mat UOM'.  
  ULINE.  
  
END-OF-PAGE.  
  WRITE :/ 'current list page no:' , sy-pagno,  
          'Date: ', sy-datum,  
          'Time:', sy-uzeit.  
  DATA lv\_count1 TYPE i.  
  lv\_count1 = sy-linct - sy-linno.  
  SKIP lv\_count1.  
FORM disp\_mat\_dataforselection .  
  LOOP AT lt\_tab INTO wa\_tab.  
    WRITE : / wa\_tab-lv\_stud\_id,  
             30 wa\_tab-lv\_stud\_name,  
             40 wa\_tab-lv\_stud\_ph,  
             55 wa\_tab-lv\_stud\_add.  
  ENDLOOP.  
ENDFORM.  
  
FORM get\_mat\_dataforselection .  
  SELECT stud\_id stud\_name stud\_ph stud\_add  
  INTO TABLE lt\_Tab  
  FROM zshiva\_student  
  WHERE stud\_id IN  s\_s\_id AND stud\_add EQ p\_s\_a.  
  SORT lt\_Tab BY lv\_stud\_id DESCENDING.  
  LOOP AT lt\_tab INTO wa\_tab.  
    WRITE : / wa\_tab-lv\_stud\_id,  
             30 wa\_tab-lv\_stud\_name,  
             40 wa\_tab-lv\_stud\_ph,  
             55 wa\_tab-lv\_stud\_add.  
  ENDLOOP.  
  
  IF sy-subrc EQ 0.  
    WRITE :/ 'Records are found in mara table'.  
  ELSE.  
    WRITE : / 'Records are not found in mara table'.  
  ENDIF.  
  
ENDFORM.

OUTPUT:

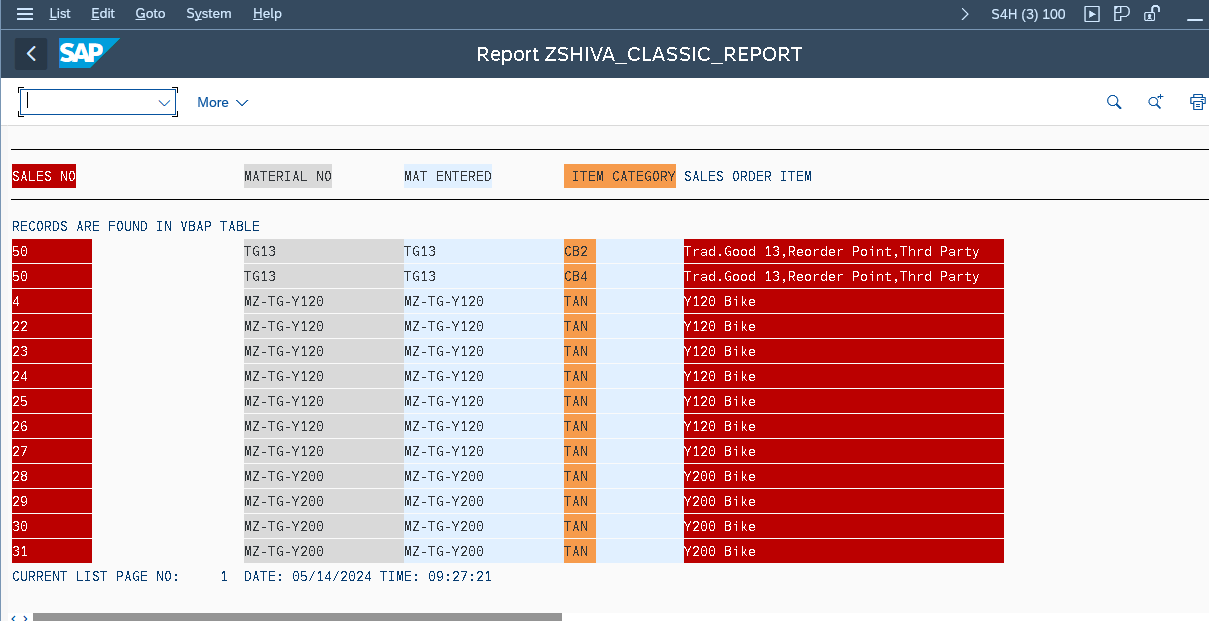


\*&---------------------------------------------------------------------\*  
\*& Report ZSHIVA\_CLASSIC\_REPORT  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZSHIVA\_CLASSIC\_REPORT NO STANDARD PAGE HEADING LINE-COUNT 20(3)  
LINE-SIZE 350 MESSAGE-ID ZSHIVA\_MSG.  
  
LOAD-OF-PROGRAM.  
  
INCLUDE ZSHIVA\_GETVBAP\_TOP.  
  
SELECT-OPTIONS S\_VBELN FOR WA\_TAB-VBELN OBLIGATORY.  
  
INITIALIZATION.  
CLEAR : WA\_TAB,LT\_TAB.  
S\_VBELN-LOW = '1'.  
S\_VBELN-HIGH = '100'.  
APPEND S\_VBELN.  
  
AT SELECTION-SCREEN ON S\_VBELN.  "1 TO 100  
  
  SELECT SINGLE VBELN  
    INTO LV\_VBELN  
    FROM VBAP  
    WHERE VBELN IN S\_VBELN.  
  
IF SY-SUBRC EQ 0.  
  MESSAGE S000 .  
ELSE.  
  MESSAGE E001.  
ENDIF.  
  
START-OF-SELECTION.  
PERFORM GET\_VBAP\_DATA.  
  
END-OF-SELECTION.  
PERFORM DISP\_VBAP\_DATA.  
  
  
DATA LV\_COUNT TYPE I.  
LV\_COUNT = SY-LINCT - SY-LINNO.  
SKIP LV\_COUNT.  
  
TOP-OF-PAGE.  
ULINE.  
WRITE : /'SALES NO' COLOR 6,  
      30 'MATERIAL NO' COLOR 1,  
      50 'MAT ENTERED' COLOR 4,  
      70 ' ITEM CATEGORY' COLOR 7,  
      85 'SALES ORDER ITEM'.  
ULINE.  
  
  
END-OF-PAGE.  
WRITE :/ 'CURRENT LIST PAGE NO:' , SY-PAGNO,  
         'DATE:', SY-DATUM,  
         'TIME:', SY-UZEIT.  
FORM GET\_VBAP\_DATA.  
  
  SELECT VBELN MATNR MATWA PSTYV ARKTX  
    INTO TABLE LT\_TAB  
    FROM VBAP  
    WHERE VBELN IN S\_VBELN.  
  
   IF SY-SUBRC EQ 0.  
     WRITE :/ 'RECORDS ARE FOUND IN VBAP TABLE'.  
     ELSE.  
       WRITE :/ 'RECORDS ARE NOT FOUND IN VBAP TABLE'.  
       ENDIF.  
   ENDFORM.  
  
\*&---------------------------------------------------------------------\*  
\*& Form DISP\_VBAP\_DATA  
  
\*&---------------------------------------------------------------------\*  
FORM disp\_vbap\_data .  
  LOOP AT LT\_TAB INTO WA\_TAB.  
    WRITE:/ WA\_TAB-VBELN COLOR 6 ,  
            30  WA\_TAB-MATNR COLOR 1,  
            50 WA\_TAB-MATWA COLOR 4,  
            70 WA\_TAB-PSTYV COLOR 7,  
            85 WA\_TAB-ARKTX COLOR 6.  
ENDLOOP.  
  
ENDFORM.

OUTPUT:

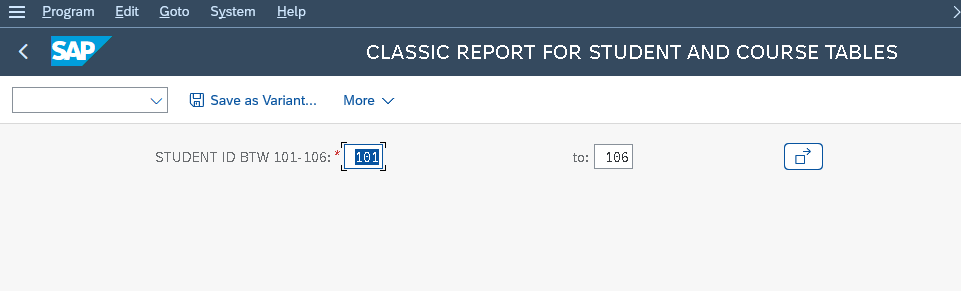


FINAL OUTPUT:

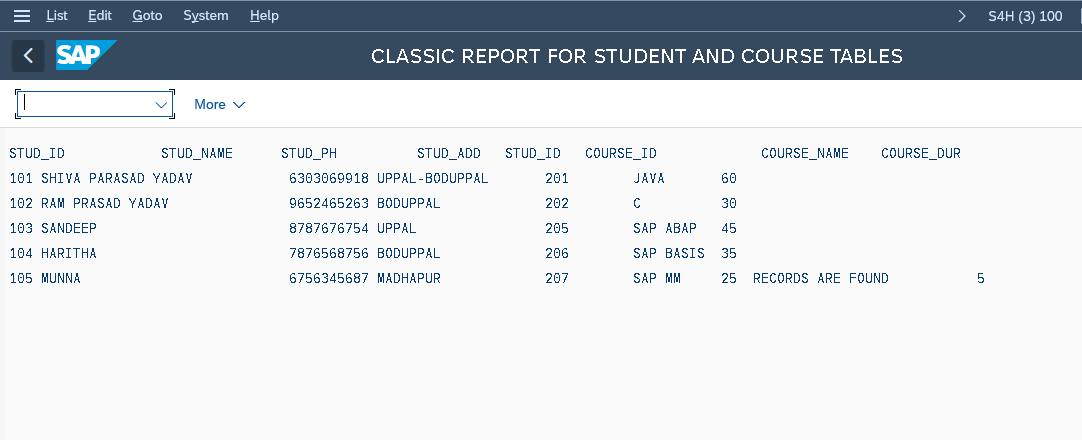


\*&---------------------------------------------------------------------\*  
\*& Report ZSHIVA\_CR\_STUD\_COURSE  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZSHIVA\_CR\_STUD\_COURSE NO STANDARD PAGE HEADING LINE-COUNT 20(3)  
line-SIZE 350 MESSAGE-ID ZSHIVA\_EROR\_MSG.  
  
  
LOAD-OF-PROGRAM.  
  
INCLUDE ZSHIVA\_CR\_SC\_INC.  
  
  
  
SELECT-OPTIONS S\_S\_ID FOR WA\_TAB-STUD\_ID OBLIGATORY.  
INITIALIZATION.  
S\_S\_ID-LOW = '101'.  
S\_S\_ID-HIGH = '106'.  
APPEND S\_S\_ID.  
AT SELECTION-SCREEN ON S\_S\_ID.  
  
START-OF-SELECTION.  
  
  PERFORM ZSHIVA\_GETJOIN\_SC.  
  
  PERFORM ZSHIVA\_DISPLOOP.  
  
  IF SY-SUBRC EQ 0.  
    WRITE : 'RECORDS ARE FOUND ',SY-DBCNT.  
    ELSE .  
      WRITE : 'RECORDS ARE NOT FOUND',SY-DBCNT.  
      ENDIF.  
  
END-OF-SELECTION.  
  
TOP-OF-PAGE.  
WRITE : /'STUD\_ID',  
20 'STUD\_NAME',  
35 'STUD\_PH',  
52 'STUD\_ADD',  
63 'STUD\_ID',  
73  'COURSE\_ID',  
95  'COURSE\_NAME',  
110   'COURSE\_DUR'.  
  
END-OF-PAGE.  
  
\*&---------------------------------------------------------------------\*  
\*& Form ZSHIVA\_GETJOIN\_SC  
  
FORM zshiva\_getjoin\_sc .  
  SELECT ZSHIVA\_STUDENT~STUD\_ID STUD\_NAME  STUD\_PH STUD\_ADD  
       ZSHIVA\_COURSE~COURSE\_ID COURSE\_NAME COURSE\_DUR  
  INTO TABLE LT\_TAB  
  FROM ZSHIVA\_STUDENT INNER JOIN ZSHIVA\_COURSE  
  ON ZSHIVA\_STUDENT~STUD\_ID = ZSHIVA\_COURSE~STUD\_ID  
  WHERE ZSHIVA\_STUDENT~STUD\_ID IN S\_S\_ID.  
  
ENDFORM.  
\*&---------------------------------------------------------------------\*  
\*& Form ZSHIVA\_DISPLOOP  
  
FORM zshiva\_disploop .  
  LOOP AT LT\_TAB INTO WA\_TAB.  
        WRITE :/ WA\_TAB-STUD\_ID,  
                 WA\_TAB-STUD\_NAME,  
                 WA\_TAB-STUD\_PH,  
                 WA\_TAB-STUD\_ADD,  
                 WA\_TAB-COURSE\_ID,  
                 WA\_TAB-COURSE\_NAME,  
                 WA\_TAB-COURSE\_DUR.  
        ENDLOOP.  
  
ENDFORM.

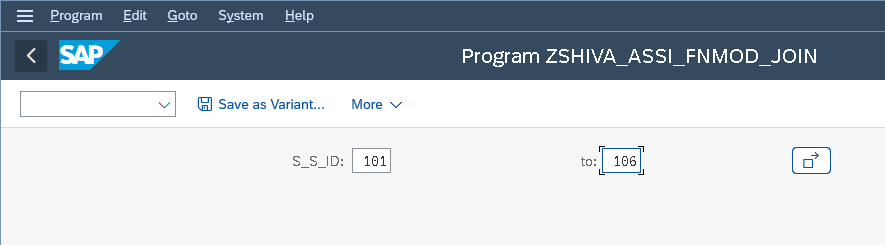
OUTPUT:



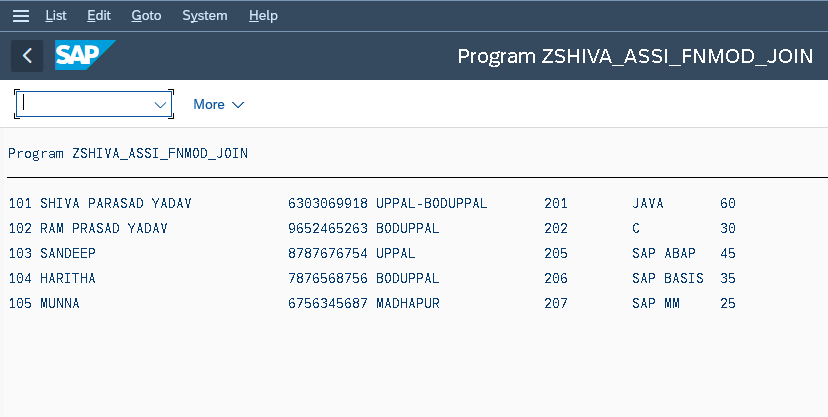
FINAL OUTPUT:



\*&---------------------------------------------------------------------\*  
\*& Report ZSHIVA\_ASSI\_FNMOD\_JOIN  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZSHIVA\_ASSI\_FNMOD\_JOIN.  
DATA : LV\_STUD\_ID TYPE ZSTUD\_ID,  
  
      TEMP\_TAB  TYPE TABLE OF  ZSHIVA\_STR\_ASSIGN,  
      "TEMP\_TAB  TYPE ZSHIVA\_STR\_ASSIGN\_TT,  
  
      WA\_TAB TYPE ZSHIVA\_STR\_ASSIGN.  
  
SELECT-OPTIONS S\_S\_ID FOR LV\_STUD\_ID.  
  
CALL FUNCTION 'ZSHIVA\_FUN\_ASSIGN'  
 EXPORTING  
   INPUT\_A       = S\_S\_ID-LOW  
   INPUT\_B       = S\_S\_ID-HIGH  
  TABLES  
    gt\_tab        = TEMP\_TAB  
          .  
  
LOOP AT TEMP\_TAB INTO WA\_TAB.  
  WRITE : / WA\_TAB-STUD\_ID,  
  WA\_TAB-STUD\_NAME,  
  WA\_TAB-STUD\_PH,  
  WA\_TAB-STUD\_ADD,  
  WA\_TAB-COURSE\_ID,  
  WA\_TAB-COURSE\_NAME,  
  WA\_TAB-COURSE\_DUR.  
 ENDLOOP.

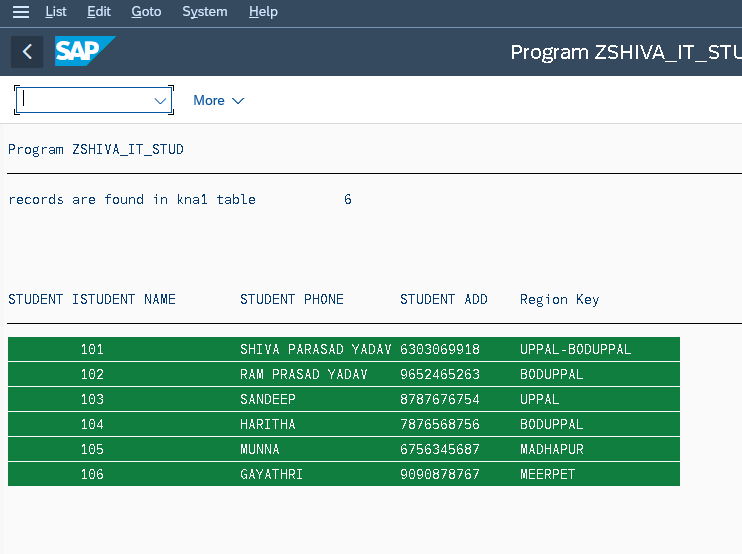


FINAL OUTPUT:



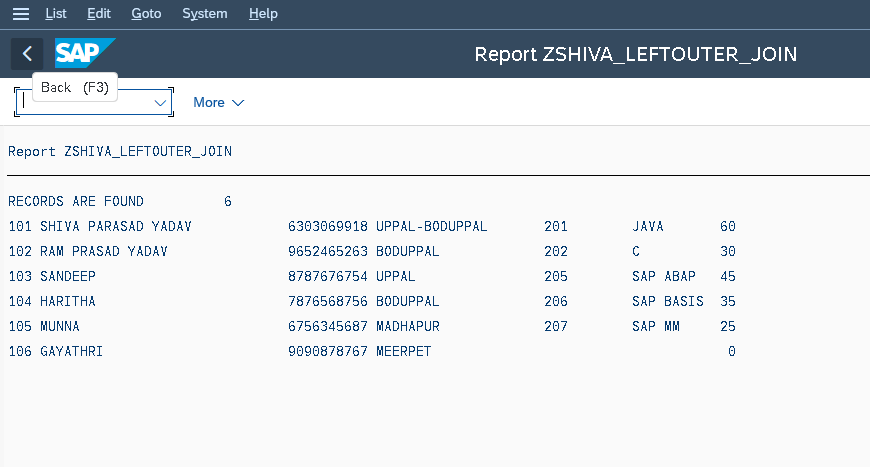
\*&---------------------------------------------------------------------\*  
\*& Report ZSHIVA\_IT\_STUD  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZSHIVA\_IT\_STUD.  
  
TYPES: BEGIN OF LS\_TAB,  
  STUD\_ID TYPE ZSTUD\_ID,  
  STUD\_NAME TYPE ZSTUD\_NAME,  
  STUD\_PH TYPE ZSTUD\_PH,  
  STUD\_ADD TYPE ZSTUD\_ADD,  
  END OF LS\_TAB.  
  
  
  DATA : LT\_TAB TYPE STANDARD TABLE OF LS\_TAB,  
        WA\_TAB TYPE LS\_TAB,  
        LV\_STUD\_ID TYPE ZSTUD\_ID.  
  
SELECT-OPTIONS S\_ID FOR LV\_STUD\_ID OBLIGATORY.  
  
PARAMETERS P\_S\_ADD TYPE ZSHIVA\_STUDENT-STUD\_ADD.  " us  
  
START-OF-SELECTION.  
  
  SELECT  STUD\_ID STUD\_NAME STUD\_PH STUD\_ADD  
    INTO TABLE LT\_tAB  
         FROM ZSHIVA\_STUDENT  
          WHERE STUD\_ID IN S\_ID. "AND  
              " STUD\_ADD EQ p\_S\_ADD.  
  
  IF sy-subrc EQ 0.  
    WRITE : / 'records are found in kna1 table ', sy-dbcnt.  
  ELSE.  
    WRITE : / 'records are not found in kna1 table ', sy-dbcnt.  
  ENDIF.  
\*\*\*\*SKIP .  
SKIP 3.  
  
WRITE : / 'STUDENT ID',  
         10 'STUDENT NAME ',  
         30 'STUDENT PHONE ',  
         50 'STUDENT ADD',  
         65 'Region Key'.  
  
ULINE.  
END-OF-SELECTION.  
  
FORMAT COLOR COL\_POSITIVE.  
  
LOOP AT LT\_TAB INTO WA\_TAB.  
  WRITE : / SY-CTABL,  
  10 WA\_TAB-STUD\_ID,  
  30 WA\_TAB-STUD\_NAME,  
  50 WA\_TAB-STUD\_PH,  
  65 WA\_TAB-STUD\_ADD.  
  ENDLOOP.

OUTPUT:

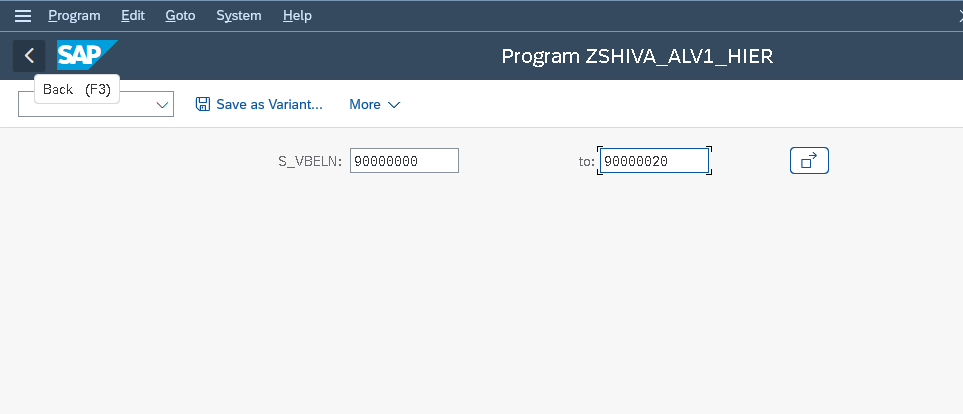


\*&---------------------------------------------------------------------\*  
\*& Report ZSHIVA\_LEFTOUTER\_JOIN  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZSHIVA\_LEFTOUTER\_JOIN.  
TYPES: BEGIN OF LS\_TAB,  
  STUD\_ID TYPE ZSTUD\_ID,  
  STUD\_NAME TYPE ZSTUD\_NAME,  
  STUD\_PH TYPE ZSTUD\_PH,  
  STUD\_ADD TYPE ZSTUD\_ADD,  
  
  COURSE\_ID TYPE ZCOURSE\_ID,  
  COURSE\_NAME TYPE ZCOURSE\_NAME,  
  COURSE\_DUR TYPE ZCOURSE\_DUR,  
  
  END OF LS\_TAB.  
  
  DATA : LT\_TAB TYPE STANDARD TABLE OF LS\_TAB,  
        WA\_TAB TYPE LS\_TAB.  
  SELECT-OPTIONS S\_S\_ID FOR WA\_TAB-STUD\_ID.  
  
  START-OF-SELECTION.  
  SELECT ZSHIVA\_STUDENT~STUD\_ID STUD\_NAME STUD\_PH STUD\_ADD  
         ZSHIVA\_COURSE~COURSE\_ID COURSE\_NAME COURSE\_DUR  
    INTO TABLE LT\_TAB  
    FROM ZSHIVA\_STUDENT  
    LEFT OUTER JOIN ZSHIVA\_COURSE  
    ON ZSHIVA\_STUDENT~STUD\_ID = ZSHIVA\_COURSE~STUD\_ID  
    WHERE ZSHIVA\_STUDENT~STUD\_ID IN S\_S\_ID.  
  
    IF SY-SUBRC EQ 0.  
      WRITE : 'RECORDS ARE FOUND', SY-DBCNT.  
      ELSE.  
        WRITE : 'RECORDS ARE NOT FOUND ',SY-DBCNT.  
        ENDIF.  
  
        END-OF-SELECTION.  
  
        LOOP AT LT\_TAB INTO WA\_TAB.  
          WRITE : /   WA\_TAB-STUD\_ID,  
          WA\_TAB-STUD\_NAME ,  
          WA\_TAB-STUD\_PH,  
          WA\_TAB-STUD\_ADD,  
          WA\_TAB-COURSE\_ID,  
          WA\_TAB-COURSE\_NAME,  
          WA\_TAB-COURSE\_DUR.  
          ENDLOOP.

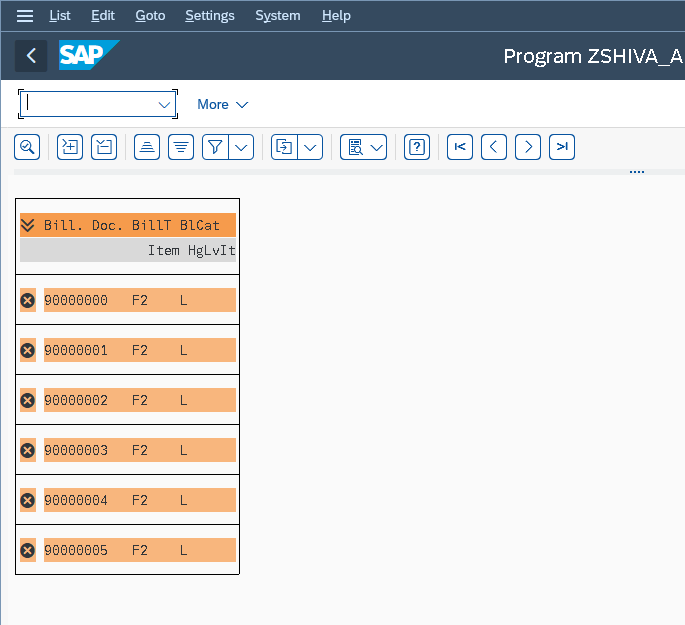
OUTPUT:



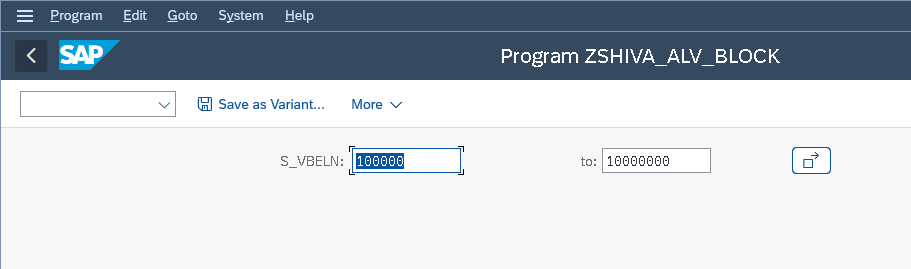
\*& Report ZSHIVA\_ALV1\_HIER  
REPORT ZSHIVA\_ALV1\_HIER NO STANDARD PAGE HEADING LINE-COUNT 23(3) LINE-SIZE 300.  
INCLUDE ZSHIVA\_HIER\_INC.  
SELECT-OPTIONS S\_VBELN FOR LV\_VBELN.  
  
START-OF-SELECTION.  
PERFORM GET\_DATA.  
  
PERFORM CREATE\_FIELDCAT.  
  
PERFORM HIER\_DISPLAY.  
\*&---------------------------------------------------------------------\*  
\*& Form GET\_DATA  
\*&---------------------------------------------------------------------\*  
\*& text  
\*&---------------------------------------------------------------------\*  
\*& -->  p1        text  
\*& <--  p2        text  
\*&---------------------------------------------------------------------\*  
FORM get\_data .  
  SELECT VBELN FKART FKTYP FROM VBRK  " TABLE 1  
    INTO CORRESPONDING FIELDS OF TABLE IT\_TAB1  
    WHERE VBELN IN  
    S\_VBELN.  
  
  
  SELECT   VBELN  POSNR  UEPOS  
    FROM VBRP  " TABLE 2  
    INTO  TABLE IT\_TAB2  
    WHERE VBELN IN S\_VBELN.  
  
ENDFORM.  
\*&---------------------------------------------------------------------\*  
\*& Form CREATE\_FIELDCAT  
\*&---------------------------------------------------------------------\*  
\*& text  
\*&---------------------------------------------------------------------\*  
\*& -->  p1        text  
\*& <--  p2        text  
\*&---------------------------------------------------------------------\*  
FORM create\_fieldcat .  
  WA\_FIELDCAT-col\_pos = '1'.  " COLUM POSITION  
  WA\_FIELDCAT-fieldname = 'VBELN'. " COLUMN NAME  
  WA\_FIELDCAT-tabname = 'IT\_TAB1'. " INTERNAL TABLE  
  WA\_FIELDCAT-ref\_tabname = 'VBRK'. " TABLE NAME  
  WA\_FIELDCAT-ref\_fieldname = 'VBELN'. "REFERENCE FILED  
  APPEND WA\_FIELDCAT TO IT\_FIELDCAT.  
  CLEAR WA\_FIELDCAT.  
  
  
   WA\_FIELDCAT-col\_pos = '2'.  " COLUM POSITION  
  WA\_FIELDCAT-fieldname = 'FKART'. " COLUMN NAME  
  WA\_FIELDCAT-tabname = 'IT\_TAB1'. " INTERNAL TABLE  
  WA\_FIELDCAT-ref\_tabname = 'VBRK'. " TABLE NAME  
  WA\_FIELDCAT-ref\_fieldname = 'FKART'. "REFERENCE FILED  
  APPEND WA\_FIELDCAT TO IT\_FIELDCAT.  
  CLEAR WA\_FIELDCAT.  
  
  
   WA\_FIELDCAT-col\_pos = '3'.  " COLUM POSITION  
  WA\_FIELDCAT-fieldname = 'FKTYP'. " COLUMN NAME  
  WA\_FIELDCAT-tabname = 'IT\_TAB1'. " INTERNAL TABLE  
  WA\_FIELDCAT-ref\_tabname = 'VBRK'. " TABLE NAME  
  WA\_FIELDCAT-ref\_fieldname = 'FKTYP'. "REFERENCE FILED  
  APPEND WA\_FIELDCAT TO IT\_FIELDCAT.  
  CLEAR WA\_FIELDCAT.  
  
  
  
   WA\_FIELDCAT-col\_pos = '1'.  " COLUM POSITION  
  WA\_FIELDCAT-fieldname = 'VBELN'. " COLUMN NAME  
  WA\_FIELDCAT-tabname = 'IT\_TAB2'. " INTERNAL TABLE  
  WA\_FIELDCAT-ref\_tabname = 'VBRP'. " TABLE NAME  
  WA\_FIELDCAT-ref\_fieldname = 'VEBLN'. "REFERENCE FILED  
  APPEND WA\_FIELDCAT TO IT\_FIELDCAT.  
  CLEAR WA\_FIELDCAT.  
  
   WA\_FIELDCAT-col\_pos = '2'.  " COLUM POSITION  
  WA\_FIELDCAT-fieldname = 'POSNR'. " COLUMN NAME  
  WA\_FIELDCAT-tabname = 'IT\_TAB2'. " INTERNAL TABLE  
  WA\_FIELDCAT-ref\_tabname = 'VBRP'. " TABLE NAME  
  WA\_FIELDCAT-ref\_fieldname = 'POSNR'. "REFERENCE FILED  
  APPEND WA\_FIELDCAT TO IT\_FIELDCAT.  
  CLEAR WA\_FIELDCAT.  
  
  
   WA\_FIELDCAT-col\_pos = '3'.  " COLUM POSITION  
  WA\_FIELDCAT-fieldname = 'UEPOS'. " COLUMN NAME  
  WA\_FIELDCAT-tabname = 'IT\_TAB2'. " INTERNAL TABLE  
  WA\_FIELDCAT-ref\_tabname = 'VBRP'. " TABLE NAME  
  WA\_FIELDCAT-ref\_fieldname = 'UEPOS'. "REFERENCE FILED  
  APPEND WA\_FIELDCAT TO IT\_FIELDCAT.  
  CLEAR WA\_FIELDCAT.  
  
  
  
ENDFORM.  
\*&---------------------------------------------------------------------\*  
\*& Form HIER\_DISPLAY  
\*&---------------------------------------------------------------------\*  
\*& text  
\*&---------------------------------------------------------------------\*  
\*& -->  p1        text  
\*& <--  p2        text  
\*&---------------------------------------------------------------------\*  
FORM hier\_display .  
  
  
  IT\_KEY-HEADER01 = 'VBELN'.  
  LAYOUT-EXPAND\_FIELDNAME = 'UST'.  
  
  IF SY-SUBRC EQ 0.  
CALL FUNCTION 'REUSE\_ALV\_HIERSEQ\_LIST\_DISPLAY'  
  EXPORTING  
\*   I\_INTERFACE\_CHECK              = ' '  
   I\_CALLBACK\_PROGRAM             = SY-REPID  
\*   I\_CALLBACK\_PF\_STATUS\_SET       = ' '  
\*   I\_CALLBACK\_USER\_COMMAND        = ' '  
   IS\_LAYOUT                      = LAYOUT  
   IT\_FIELDCAT                    = IT\_FIELDCAT  
\*   IT\_EXCLUDING                   =  
\*   IT\_SPECIAL\_GROUPS              =  
\*   IT\_SORT                        =  
\*   IT\_FILTER                      =  
\*   IS\_SEL\_HIDE                    =  
\*   I\_SCREEN\_START\_COLUMN          = 0  
\*   I\_SCREEN\_START\_LINE            = 0  
\*   I\_SCREEN\_END\_COLUMN            = 0  
\*   I\_SCREEN\_END\_LINE              = 0  
\*  I\_DEFAULT                      = X  
\*   I\_SAVE                         = ' '  
\*   IS\_VARIANT                     =  
\*   IT\_EVENTS                      =  
\*   IT\_EVENT\_EXIT                  =  
    i\_tabname\_header               = 'IT\_TAB1'  
    i\_tabname\_item                 = 'IT\_TAB2'  
\*   I\_STRUCTURE\_NAME\_HEADER        =  
\*   I\_STRUCTURE\_NAME\_ITEM          =  
    is\_keyinfo                     = IT\_KEY  
\*   IS\_PRINT                       =  
\*   IS\_REPREP\_ID                   =  
\*   IS\_HIERSEQ\_SETTINGS            =  
\*   I\_BYPASSING\_BUFFER             =  
\*   I\_BUFFER\_ACTIVE                =  
\*   IR\_SALV\_HIERSEQ\_ADAPTER        =  
\*   IT\_EXCEPT\_QINFO                =  
\*   I\_SUPPRESS\_EMPTY\_DATA          = ABAP\_FALSE  
\*   I\_LIST\_DISPLAY\_ONLY            = ABAP\_FALSE  
\*   O\_COMMON\_HUB                   =  
\* IMPORTING  
\*   E\_EXIT\_CAUSED\_BY\_CALLER        =  
\*   ES\_EXIT\_CAUSED\_BY\_USER         =  
  TABLES  
    t\_outtab\_header                = IT\_TAB1  
    t\_outtab\_item                  = IT\_TAB2  
 EXCEPTIONS  
   PROGRAM\_ERROR                  = 1  
   OTHERS                         = 2  
          .  
IF sy-subrc <> 0.  
\* Implement suitable error handling here  
ENDIF.  
ENDIF.  
  
ENDFORM.



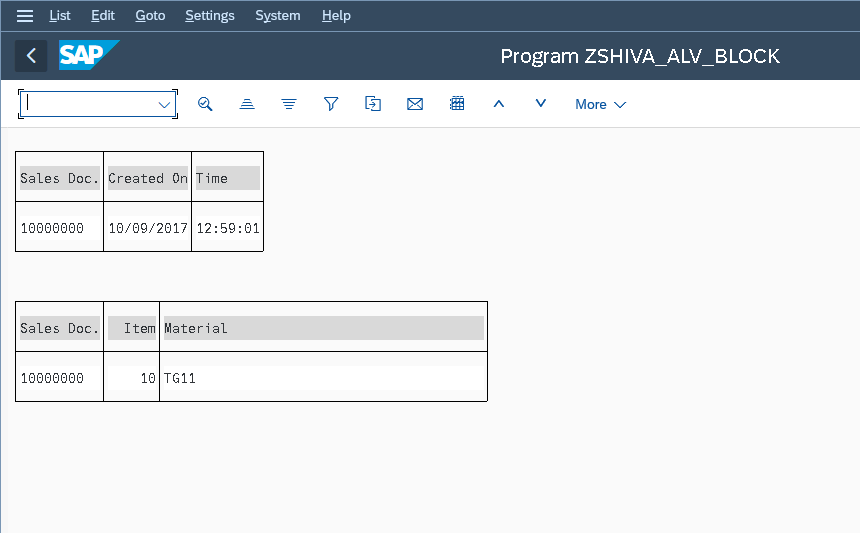
FINAL OUTPUT:



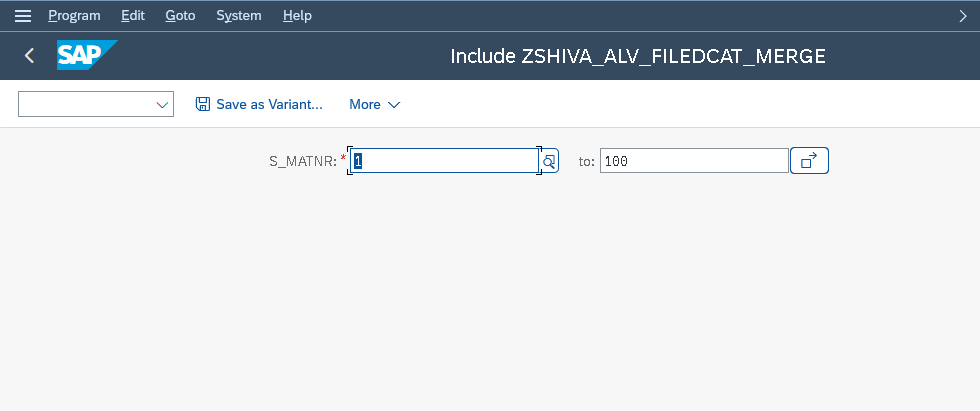
\*&---------------------------------------------------------------------\*  
\*& Report ZSHIVA\_ALV\_BLOCK  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZSHIVA\_ALV\_BLOCK.  
  
  
include zshiva\_ust\_alv\_block\_top.  
  
data lv\_vbeln type vbeln\_va.  
\*\*\*\*\*\*TABLES VBAK.  
select-options s\_vbeln for lv\_VBELN. " lv\_vbeln.  
  
start-of-selection.  
  perform get\_data.  
  
  perform create\_fcat\_VBAK.  
  perform create\_fcat\_vbap.  
  
  perform block\_list\_init.  
  perform block\_list\_append\_vbaK.  
  perform block\_list\_append\_vbap.  
  perform block\_list\_display.  
  
form get\_data.  
  select vbeln  
         erdat  
          erzet  
           from vbak  
  into table it\_vbak  where vbeln in s\_vbeln.  
  
  if not it\_vbak[] is initial .  
  
    select  vbeln pOsnr matnr  
    from vbap  
      into table it\_vbap "get vbap data  
  
    "for all entries in it\_vbak  
       where vbeln in s\_vbeln.  
  
  endif.  
endform.  
  
form create\_fcat\_vbak.  
  
  w\_fcat\_vbak-col\_pos       = '1'. "coloum position  
  w\_fcat\_vbak-fieldname     = 'VBELN'. "column name  
  w\_fcat\_vbak-ref\_tabname   = 'VBAK'. "table  VBAK  
  w\_fcat\_vbak-ref\_fieldname = 'VBELN'. "reference field, it will show descriptions automatically  
  append w\_fcat\_vbak to t\_fcat\_vbak.  
  clear w\_fcat\_vbak.  
  
  w\_fcat\_vbak-col\_pos       = '2'. "coloum position  
  w\_fcat\_vbak-fieldname     = 'ERDAT'. "column name  
  w\_fcat\_vbak-ref\_tabname   = 'VBAK'. "table  VBAK  
  w\_fcat\_vbak-ref\_fieldname = 'ERDAT'. "reference field, it will show descriptions automatically  
  append w\_fcat\_VBAK to t\_fcat\_VBAK.  
  clear w\_fcat\_VBAK.  
  
  w\_fcat\_vbak-col\_pos       = '3'. "coloum position  
  w\_fcat\_vbak-fieldname     = 'ERZET'. "column name  
  w\_fcat\_vbak-ref\_tabname   = 'VBAK'. "table  VBAK  
  w\_fcat\_vbak-ref\_fieldname = 'ERZET'. "reference field, it will show descriptions automatically  
  append w\_fcat\_VBAK to t\_fcat\_VBAK.  
  clear w\_fcat\_VBAK.  
  
  
endform.  
  
form create\_fcat\_vbap.  
  
  w\_fcat\_vbap-col\_pos       = '1'. "coloum position  
  w\_fcat\_vbap-fieldname     = 'VBELN'. "column name  
  w\_fcat\_vbap-ref\_tabname   = 'VBAP'. "table  VBAP  
  w\_fcat\_vbap-ref\_fieldname = 'VBELN'. "reference field, it will show descriptions automatically  
  append w\_fcat\_vbap to t\_fcat\_vbap.  
  clear w\_fcat\_vbap.  
  
  w\_fcat\_vbap-col\_pos       = '2'. "coloum position  
  w\_fcat\_vbap-fieldname     = 'POSNR'. "column name  
  w\_fcat\_vbap-ref\_tabname   = 'VBAP'. "table  VBAP  
  w\_fcat\_vbap-ref\_fieldname = 'POSNR'. "reference field, it will show descriptions automatically  
  append w\_fcat\_vbap to t\_fcat\_vbap.  
  clear w\_fcat\_vbap.  
  
  w\_fcat\_vbap-col\_pos       = '3'. "coloum position  
  w\_fcat\_vbap-fieldname     = 'MATNR'. "column name  
  w\_fcat\_vbap-ref\_tabname   = 'VBAP'. "table  VBAP  
  w\_fcat\_vbap-ref\_fieldname = 'MATNR'. "reference field, it will show descriptions automatically  
  append w\_fcat\_vbap to t\_fcat\_vbap.  
  clear w\_fcat\_vbap.  
  
endform.  
  
form block\_list\_init.  
  
  
  
  
  call function 'REUSE\_ALV\_BLOCK\_LIST\_INIT' "initialize Block List ALV  
    exporting  
      i\_callback\_program = sy-repid.  
endform.  
  
form block\_list\_append\_VBAK.  
\*\*  
\*  s\_layout-zebra = 'X'.  "  striped pattern  
\*  s\_layout-No\_colhead  = 'X'.        " no headings  
\*\*\*  s\_layout-no\_hotspot = 'X'.         " headings not as hotspot  
\*  s\_layout-no\_vline  = 'X'.          " columns separated by space  
\*  s\_layout-no\_hline = 'X'.  
  
  call function 'REUSE\_ALV\_BLOCK\_LIST\_APPEND' "append ALV lists  
    exporting  
      is\_layout   = s\_layout "set layout  
      it\_fieldcat = t\_fcat\_vbak "set field catalog  
      i\_tabname   = 'IT\_VBAK' "table  
      it\_events   = s\_events "events  
    tables  
      t\_outtab    = it\_VBAK. "out put table  
  
  if sy-subrc <> 0.  
\* Implement suitable error handling here  
  endif.  
endform.  
  
form block\_list\_append\_VBAP.  
  
  
  call function 'REUSE\_ALV\_BLOCK\_LIST\_APPEND' "append ALV lists  
    exporting  
      is\_layout   = s\_layout "set layout  
      it\_fieldcat = t\_fcat\_VBAP "set field catalog  
      i\_tabname   = 'IT\_VBAP' "table  
      it\_events   = s\_events "events  
    tables  
      t\_outtab    = it\_VBAP. "out put table  
  
  if sy-subrc <> 0.  
\* Implement suitable error handling here  
  endif.  
  
endform.  
\*&---------------------------------------------------------------------\*  
\*&      Form  BLOCK\_LIST\_DISPLAY  
\*&---------------------------------------------------------------------\*  
  
form block\_list\_display .  
  
  call function 'REUSE\_ALV\_BLOCK\_LIST\_DISPLAY'. "display blocked list  
  
endform.



FINAL OUTPUT:



\*&---------------------------------------------------------------------\*  
\*& Report ZSHIVA\_ALV\_FILEDCAT\_MERGE  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZSHIVA\_ALV\_FILEDCAT\_MERGE  
no standard page heading line-count 20(3)  
line-size 500 message-id zshiva\_eror\_msg.  
  
INCLUDE ZSHIVA\_UST\_ALV\_MERGE\_TOP.  
  
select-options s\_matnr for lv\_matnr obligatory.  
  
initialization.  
  clear: lt\_Tab, wa\_fieldcat, lt\_fieldcat.  
  s\_matnr-low  = '1'.  
  s\_matnr-high  = '100'.  
  append s\_matnr.  
  
at selection-screen on s\_matnr.   " 1 to 100  
  
  select single matnr  
    into lv\_matnr  
     from mara  
     where matnr in s\_matnr.  
  
  if sy-subrc eq 0.  
    message s000.  " se91 - tcode.  
  else.  
    message e001.  " se91 - tcode.  
  endif.  
  
start-of-selection.  
  
  perform get\_alv\_fcat.  
  perform get\_mat\_data.  
  
end-of-selection.  
  perform disp\_mat\_alvout.  
  
form get\_mat\_data.  
  select \*  
      into table lt\_Tab  
      from mara  
      where matnr in  s\_matnr.  
  
  if sy-subrc eq 0.  
    message s000.  
  else.  
    message e001.  
  endif.  
  
endform.  
\*&---------------------------------------------------------------------\*  
\*& Form GET\_ALV\_FCAT  
\*&---------------------------------------------------------------------\*  
form get\_alv\_fcat .  
  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*COL\_POS = '1'.  
  
call function 'REUSE\_ALV\_FIELDCATALOG\_MERGE'  
 EXPORTING  
   I\_PROGRAM\_NAME               = SY-REPID  
   I\_INTERNAL\_TABNAME           = 'LT\_TAB'  
   I\_STRUCTURE\_NAME             = 'MARA'  
\*   I\_CLIENT\_NEVER\_DISPLAY       = 'X'  
\*   I\_INCLNAME                   =  
\*   I\_BYPASSING\_BUFFER           =  
\*   I\_BUFFER\_ACTIVE              =  
  changing  
    ct\_fieldcat                  = LT\_FIELDCAT  
\* EXCEPTIONS  
\*   INCONSISTENT\_INTERFACE       = 1  
\*   PROGRAM\_ERROR                = 2  
\*   OTHERS                       = 3  
          .  
if sy-subrc <> 0.  
\* Implement suitable error handling here  
endif.  
  
  
  
endform.  
\*&---------------------------------------------------------------------\*  
\*& Form DISP\_MAT\_ALVOUT  
\*&---------------------------------------------------------------------\*  
\*& text  
form disp\_mat\_alvout .  
  
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                  =  
\*   I\_BACKGROUND\_ID                   = ' '  
\*   I\_GRID\_TITLE                      =  
\*   I\_GRID\_SETTINGS                   =  
\*   IS\_LAYOUT                         =  
   IT\_FIELDCAT                       = LT\_FIELDCAT  
\*   IT\_EXCLUDING                      =  
\*   IT\_SPECIAL\_GROUPS                 =  
\*   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        =  
\*   O\_PREVIOUS\_SRAL\_HANDLER           =  
\*   O\_COMMON\_HUB                      =  
\* IMPORTING  
\*   E\_EXIT\_CAUSED\_BY\_CALLER           =  
\*   ES\_EXIT\_CAUSED\_BY\_USER            =  
  tables  
    t\_outtab                          = LT\_tAB  
\* EXCEPTIONS  
\*   PROGRAM\_ERROR                     = 1  
\*   OTHERS                            = 2  
          .  
if sy-subrc <> 0.  
\* Implement suitable error handling here  
endif.  
  
  
  
endform.



FINAL OUTPUT;

