CREATION OF CLASSICAL REPORT FOR COMBINING TWO CUSTOM TABLES BY USING INNER JOIN

```
*&---------------------------------------------------------------------*
*& Report ZR_CREPORT_PNC
*&---------------------------------------------------------------------*
*&
*&---------------------------------------------------------------------*
REPORT ZR_CREPORT_PNC.

*&-----------------TABLES USED IN THE BELOW REPORT--------------------*
TABLES: ZTVBAK_PNC, ZTVBAP_PNC.


*&------------------------STRUCTURE DECLARATION----------------------*
DATA: ITAB TYPE TABLE OF ZSTRUCTURE_REPORT, "STRUCTURE HAS BEEN CREATED BY USING
DATA TYPE IN SE11.
    WA TYPE ZSTRUCTURE_REPORT.


*&-------SELECT OPTIONS FOR SALES DOCUMENT WITH SEARCH HELP-------------*
SELECTION-SCREEN: BEGIN OF BLOCK PNC WITH FRAME. "FRAME FOR SELECTION SCREEN
SELECT-OPTIONS: S_VBELN FOR ZTVBAK_PNC-VBELN MATCHCODE OBJECT ZSH_REPORT.
"SERACH HELP FOR SALES DOCUMENT.
SELECTION-SCREEN: END OF BLOCK PNC.



START-OF-SELECTION.


*&----------SUBROUTINE FOR GET_DATA AND DISPLAY_DATA------------------*
PERFORM GET_DATA.
PERFORM DISPLAY_DATA.
*&---------------------------------------------------------------------*
*&      Form  GET_DATA
*&---------------------------------------------------------------------*
*       text
*----------------------------------------------------------------------*
*  -->  p1        text
*  <--  p2        text
*----------------------------------------------------------------------*


TOP-OF-PAGE.
WRITE: / 'CLASSICAL REPORT FOR SALES DOCUMENT FROM TWO CUSTOM TABLES' COLOR 4.
ULINE.
```

```abap
SKIP.

WRITE: / 'SALES DOC',
       12 'CREATED ON',
          'CREATED BY',
       37 'DOC DATE',
       47 'MAT.NO',
       66 'MATERIAL',
       84 'MAT GRP'.
SKIP.
END-OF-PAGE.


*&----------FORM TO FETCH DATA FROM THE CUSTOM TABLE------------------*
FORM GET_DATA .

SELECT A~VBELN
       A~ERDAT
       A~ERNAM
       A~AUDAT
       B~MATNR
       B~MATWA
       B~MATKL
FROM ZTVBAK_PNC AS A
INNER JOIN ZTVBAP_PNC AS B  "FETCH COMMON DATA FROM TWO TABLES BY USING PRIMARY KEY
VBELN.
ON B~VBELN = A~VBELN
INTO TABLE ITAB
WHERE A~VBELN IN S_VBELN.
ENDFORM.

*&------------------FORM TO DISPLAY DATA FROM THE CUSTOME TABLE--------------------*
FORM DISPLAY_DATA.

IF SY-SUBRC EQ 0.

IF ITAB IS INITIAL.
WRITE: 'NO ENTRIES FOUND'.
ELSE.
LOOP AT ITAB INTO WA. "LOOP THE RECORD INTO WORK AREA FOR DATA DISPLAY
WRITE: / WA-VBELN,
         WA-ERDAT,
         WA-ERNAM,
         WA-AUDAT,
         WA-MATNR,
         WA-MATWA,
         WA-MATKL.

ENDLOOP.
```

```abap
    ENDIF.
  ENDIF.

ENDFORM.

END-OF-SELECTION.

ULINE.
SKIP.
WRITE: 41 'CLASSICAL REPORT HAS BEEN SELECTED FOR THE SALES DOCUMENT!'.
SKIP.
ULINE.
```