

```

*&-----*
*& Report  ZFI_REP_ATT
*&
*&-----*
*&
*&
*&-----*
*user- j mittal.

```

REPORT zfi_rep_atta.

TYPE-POOLS: slis.

TABLES: bsik, bsak, vbsegk, bkpfi, bseg, srgbtbrel, sood,lfa1,cepct,t001.

```

TYPES: BEGIN OF ty_final,
        bukrs      TYPE bukrs,
        butxt      TYPE butxt,
        werks      TYPE werks,
        belnr      TYPE belnr_d,
        gjahr      TYPE gjahr,
        lifnr      TYPE lifnr,
        name1      TYPE bsik-vname,
        mcod1      TYPE lfa1-mcod1,
        budat      TYPE budat,
        sgtxt      TYPE sgtxt,
        usnam      TYPE usnam,
        blart      TYPE blart,
        wrbtr      TYPE wrbtr,
        bldat      TYPE bldat,
        prctr      TYPE prctr,
        ktext      TYPE cepct-ktext,
        attch      TYPE char1,
        instid_b   TYPE sibfboriid,
        objdes     TYPE so_obj_des,
        crdat      TYPE so_dat_cr,
        cronam     TYPE so_cro_nam,
        vorna      TYPE vorna,
        nachn      TYPE nachn,
        STBLG      TYPE STBLG,
        icon(004),
        state(010),
END OF ty_final.

```

DATA: t_final TYPE STANDARD TABLE OF ty_final.

DATA: w_final TYPE ty_final.

DATA: t_bkpfi TYPE STANDARD TABLE OF bkpfi.

DATA: t_bsik TYPE STANDARD TABLE OF bsik.

DATA: t_bsak TYPE STANDARD TABLE OF bsak.

DATA: t_lfa1 TYPE STANDARD TABLE OF lfa1.

DATA: t_cepct TYPE STANDARD TABLE OF cepct.

DATA: t_bseg TYPE STANDARD TABLE OF bseg.

DATA: t_t001 TYPE STANDARD TABLE OF t001.

DATA: w_bkpfi TYPE bkpfi.

DATA: w_bsik TYPE bsik.

DATA: w_bsak TYPE bsak.

DATA: w_lfa1 TYPE lfa1.

DATA: w_bseg TYPE bseg.

DATA: w_cepct TYPE cepct.

DATA: w_t001 TYPE t001.

DATA: w_srgbtbrel TYPE srgbtbrel.

DATA: w_sood TYPE sood.

DATA: bukr TYPE bukr.

DATA: werks TYPE werks.

DATA: belnr TYPE belnr_d.

DATA: gjahr TYPE gjahr.

DATA: instid TYPE sibfboriid.

DATA: insti2 TYPE sibfboriid.

DATA: objtp TYPE so_obj_tp.

DATA: objyr TYPE so_obj_yr.

DATA: objno TYPE so_obj_no.

DATA: col_pos TYPE i.

*****ALV Grid Control

**DO Not Change

DATA it_fieldcat TYPE slis_t_fieldcat_alv.

DATA it_exclude TYPE slis_t_extab.

DATA wa_exclude TYPE slis_extab.

DATA gd_layout TYPE slis_layout_alv.

DATA wa_fieldcat TYPE slis_fieldcat_alv.

DATA title TYPE lvc_title.

DATA: it_events TYPE slis_t_event.

DATA: wa_events LIKE LINE OF it_events.

DATA: wa_listhead TYPE slis_listheader.

DATA: it_listhead TYPE slis_t_listheader.

DATA gv_repid TYPE sy-repid.

DATA g_save TYPE c.

DATA g_exit TYPE c.

DATA g_variant LIKE disvariant.

DATA gx_variant LIKE disvariant.

DATA idx TYPE sy-tabix.

DATA: t_formname_top_of_page TYPE slis_formname VALUE 'TOP_OF_PAGE',
 t_list_top_of_page TYPE slis_t_listheader,
 is_layout TYPE slis_layout_alv.

DATA report_name TYPE string.

DATA n TYPE string.

***** Selection Screen

SELECTION-SCREEN BEGIN OF BLOCK b1 WITH FRAME TITLE text-000.

SELECT-OPTIONS so_bukrs FOR bkp-bukrs.

SELECT-OPTIONS so_gjahr FOR bkp-gjahr.

SELECT-OPTIONS so_belnr FOR bkp-belnr.

SELECT-OPTIONS so_lifnr FOR bsak-lifnr.

SELECT-OPTIONS so_budat FOR bkp-budat.

SELECT-OPTIONS so_prctr FOR bsik-prctr.

SELECT-OPTIONS so_blart FOR bkp-blart.

SELECT-OPTIONS so_werks FOR bseg-werks.

SELECT-OPTIONS so_cpudt FOR bkp-cpudt.

SELECTION-SCREEN END OF BLOCK b1.

SELECTION-SCREEN BEGIN OF BLOCK b2 WITH FRAME TITLE text-001.

PARAMETER: rb1 RADIOBUTTON GROUP rbg1,

 rb2 RADIOBUTTON GROUP rbg1,

 rb3 RADIOBUTTON GROUP rbg1 DEFAULT 'X'.

SELECTION-SCREEN END OF BLOCK b2.

INITIALIZATION.

```
report_name = 'Customer billing analysis report'.
```

REFRESH:

```
t_bkpf,  
t_bsik,  
t_bsak,  
t_lfal,  
t_cepct,  
t_bseg,  
t_t001,  
t_final.
```

CLEAR:

```
w_bkpf,  
w_bsik,  
w_bsak,  
w_lfal,  
w_cepct,  
w_bseg,  
w_t001,  
w_final.
```

START-OF-SELECTION.

```
PERFORM get_bkpf.  
PERFORM get_bsik.  
PERFORM get_bsak.  
PERFORM get_lfal.  
PERFORM get_cepct.  
PERFORM get_bseg.  
PERFORM get_t001.  
PERFORM get_final.
```

END-OF-SELECTION.

```
PERFORM display_alv_list.
```

```
*&-----*  
*&      Form  GET_BSIK  
*&-----*  
*      text  
*-----*  
*  -->  p1      text  
*  <--  p2      text  
*-----*
```

```
FORM get_bsik .
```

```
REFRESH t_bsik.
```

SELECT *

```
FROM bsik  
INTO TABLE t_bsik  
FOR ALL ENTRIES IN t_bkpf  
WHERE belnr = t_bkpf-belnr  
AND bukr = t_bkpf-bukrs  
AND gjahr = t_bkpf-gjahr  
AND budat = t_bkpf-budat  
AND lifnr IN so_lifnr.
```

```

ENDFORM.                                " GET_BSIK
*&-----*
*&      Form  GET_BSAK
*&-----*
*      text
*-----*
*  -->  p1      text
*  <--  p2      text
*-----*

FORM get_bsak .
  REFRESH t_bsak.

  SELECT *
    FROM bsak
  INTO TABLE t_bsak
  FOR ALL ENTRIES IN t_bkpf
  WHERE belnr = t_bkpf-belnr
     AND buhrs = t_bkpf-buhrs
     AND gjahr = t_bkpf-gjahr
     AND budat = t_bkpf-budat
     AND lifnr IN so_lifnr.

ENDFORM.                                " GET_BSAK
*&-----*
*&      Form  GET_BKPF
*&-----*
*      text
*-----*
*  -->  p1      text
*  <--  p2      text
*-----*

FORM get_bkpf .

  REFRESH t_bkpf.

  SELECT *
    INTO TABLE t_bkpf
  FROM bkpf
  WHERE belnr IN so_belnr
     AND buhrs IN so_buhrs
     AND gjahr IN so_gjahr
     AND budat IN so_budat.

ENDFORM.                                " GET_BKPF
*&-----*
*&      Form  DISPLAY_ALV_LIST
*&-----*
*      text
*-----*
*  -->  p1      text
*  <--  p2      text
*-----*

FORM get_bseg .
  REFRESH t_bseg.

  SELECT *
    FROM bseg
  INTO TABLE t_bseg
  FOR ALL ENTRIES IN t_bkpf
  WHERE belnr = t_bkpf-belnr

```

```

        AND bukrs = t_bkpf-bukrs
        AND gjahr = t_bkpf-gjahr
*       AND budat = t_bkpf-budat
        AND werks IN so_werks.

```

```
ENDFORM.
```

```
FORM get_lfa1 .
```

```
    REFRESH t_lfa1.
```

```

SELECT *
  INTO TABLE t_lfa1
  FROM lfa1
*      WHERE lifnr IN so_lifnr.
  FOR ALL ENTRIES IN t_bsak
  WHERE lifnr = t_bsak-lifnr.

```

```
ENDFORM.
```

```
FORM get_cepct .
```

```
    REFRESH t_cepct.
```

```

SELECT *
  INTO TABLE t_cepct
  FROM cepct
*      WHERE lifnr IN so_lifnr.
  FOR ALL ENTRIES IN t_bsik
  WHERE prctr = t_bsik-prctr.

```

```
ENDFORM.
```

```
FORM get_t001 .
```

```
    REFRESH t_t001.
```

```

SELECT *
  INTO TABLE t_t001
  FROM t001
*      WHERE lifnr IN so_lifnr.
  FOR ALL ENTRIES IN t_bkpf
  WHERE bukrs = t_bkpf-bukrs.

```

```
ENDFORM.
```

```

FORM display_alv_list .
  PERFORM build_fieldcat.
  PERFORM top-of-page USING t_list_top_of_page.
  PERFORM build_layout USING is_layout.
  PERFORM display_list.

```

```
ENDFORM.                " DISPLAY_ALV_LIST
```

```

*&-----*
*&      Form  BUILD_FIELDCAT
*&-----*
*      text
*-----*
*  -->  p1      text
*  <--  p2      text
*-----*

```

```
FORM build_fieldcat .
```

PERFORM insert_fieldcat USING:	'ICON'	space	space	space space	'Attachment'
	'STATE'	space	space	space space	'Document State'
	'BUKRS'	'BKPF'	'BUKRS'	space space	space
	'BUTXT'	'T001'	'BUTXT'	space space	'Company Name'
	'WERKS'	'BSEG'	'WERKS'	space space	space
	'BELNR'	'BKPF'	'BELNR'	space space	space
	'STBLG'	'BKPF'	'STBLG'	space space	space
	'GJAHR'	'BKPF'	'GJAHR'	space space	space
	'BUDAT'	'BKPF'	'BUDAT'	space space	space
	'PRCTR'	'BSAK'	'PRCTR'	space space	space
	'KTEXT'	'CEPCT'	'KTEXT'	space space	'Profit centre Nam
	'LIFNR'	'BSIK'	'LIFNR'	space space	space
	'MCOD1'	'LFA1'	'MCOD1'	space space	'Vendor Name'
	'BLART'	'BKPF'	'BLART'	space space	space
	'SGTXT'	'BSIK'	'SGTXT'	space space	space
	'WRBTR'	'BSAK'	'WRBTR'	space space	space
	'OBJDES'	'SOOD'	'OBJDES'	space space	space
	'CRDAT'	'SOOD'	'CRDAT'	space space	space
	'CRONAM'	space	space	space space	'Uploaded By'
	'VORNA'	'P0002'	'VORNA'	space space	space
	'BLDAT'	'BSAK'	'BLDAT'	space space	'Document Date'
	'USNAM'	'BKPF'	'USNAM'	space space	'User ID'
	'NACHN'	'P0002'	'NACHN'	space space	space

```

ENDFORM.                                " BUILD_FIELDCAT
*&-----*
*&      Form  TOP-OF-PAGE
*&-----*
*      text
*-----*
*      -->P_T_LIST_TOP_OF_PAGE  text
*-----*

FORM top-of-page USING      p_t_list_top_of_page.
  DATA: title1 LIKE sy-title,
        title2 LIKE sy-title.
  title2 = report_name.
  DATA: ls_line TYPE slis_listheader.
  DATA: top_date(10) TYPE c.
  CLEAR ls_line.

ENDFORM.                                " TOP-OF-PAGE
*&-----*
*&      Form  BUILD_LAYOUT
*&-----*
*      text
*-----*
*      -->P_IS_LAYOUT  text
*-----*

FORM build_layout USING      p_is_layout.
  REFRESH it_exclude.
  gd_layout-no_input          = 'X'.
  gd_layout-colwidth_optimize = 'X'.
  APPEND wa_exclude TO it_exclude.

ENDFORM.                                " BUILD_LAYOUT
*&-----*
*&      Form  DISPLAY_LIST
*&-----*
*      text
*-----*
*      -->  p1      text
*      <--  p2      text

```

```

*-----*
FORM display_list .

REFRESH: it_events.
CLEAR: wa_events,it_events.
wa_events-name = 'USER_COMMAND'.
wa_events-form = 'USER_COMMAND'.
APPEND wa_events TO it_events .

CALL FUNCTION 'REUSE_ALV_GRID_DISPLAY'
EXPORTING
*      I_INTERFACE_CHECK                = ' '
*      I_BYPASSING_BUFFER                = ' '
*      I_BUFFER_ACTIVE                  = ' '
i_callback_program                = sy-cprog
*      i_callback_pf_status_set          = 'SET_PF_STATUS'
i_callback_user_command            = 'USER_COMMAND'
i_callback_top_of_page             = 'LIST'
*      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                          = gd_layout
it_fieldcat                        = it_fieldcat
*      IT_EXCLUDING                      =
*      it_special_groups                  =
*      it_sort                            = it_sort
*      IT_FILTER                          =
*      IS_SEL_HIDE                       =
i_default                          = 'X'
i_save                             = 'X'
is_variant                         = g_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                          = t_final
*      EXCEPTIONS
*      PROGRAM_ERROR                      = 1
*      OTHERS                             = 2
.
IF sy-subrc <> 0.
*      MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO
*              WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.

```

```

ENDIF.
ENDFORM.                  " DISPLAY_LIST

*&-----*
*&      Form  user_command
*&-----*
*
*      text
*-----*
*      -->P_UCOMM      text
*      -->RS_SELFIELED text
*-----*

FORM user_command USING p_ucomm TYPE sy-ucomm
                        rs_selfield TYPE slis_selfield.      "#EC NEEDED

CASE p_ucomm.
  WHEN '&IC1'.
    CASE rs_selfield-fieldname.
      WHEN 'BELNR'.
        READ TABLE t_final INTO w_final INDEX rs_selfield-tabindex.
        IF sy-subrc = 0.
          SET PARAMETER ID 'BLN' FIELD w_final-belnr.
          SET PARAMETER ID 'BUK' FIELD w_final-bukrs.
          SET PARAMETER ID 'GJR' FIELD w_final-gjahr.
        ENDIF.
        CALL TRANSACTION 'FB03' AND SKIP FIRST SCREEN.
      ENDCASE.
    ENDCASE.
ENDFORM.                  "user_command

*&-----*
*&      Form  GET_FINAL
*&-----*
*
*      text
*-----*
*      --> p1      text
*      <-- p2      text
*-----*

FORM get_final .

  CLEAR: w_bsik, w_bsak.

  IF rbl = 'X'.

    LOOP AT t_bsik INTO w_bsik.
      w_final-bukrs = w_bsik-bukrs.
      w_final-belnr = w_bsik-belnr.
      w_final-gjahr = w_bsik-gjahr.
      w_final-lifnr = w_bsik-lifnr.
      w_final-name1 = w_lfal-name1.
      w_final-name1 = w_bsik-vname.
      w_final-sgtxt = w_bsik-sgtxt.
      w_final-blart = w_bsik-blart.
      w_final-wrbtr = w_bsik-wrbtr.
      w_final-bldat = w_bsik-bldat.
      w_final-prctr = w_bsik-prctr.
      w_final-usnam = w_bkpf-usnam.
      w_final-STBLG = w_bkpf-STBLG.
      w_final-budat = w_bsik-budat.
      w_final-state = 'OPEN'.

      LOOP AT t_bkpf INTO w_bkpf.
        if
          w_final-belnr = w_bkpf-belnr.

```



```

w_final-usnam = w_bkpf-usnam.

endif.
*      ENDLLOOP.
LOOP AT t_t001 INTO w_t001.
  if
    w_final-bukrs = w_bsik-bukrs.

    w_final-butxt = w_t001-butxt.
  endif.
*      ENDLLOOP.

      LOOP AT t_lfa1 INTO w_lfa1.
  if
    w_final-lifnr = w_lfa1-lifnr.

    w_final-mcod1 = w_lfa1-mcod1.
  endif.
*      ENDLLOOP.

LOOP AT t_cepct INTO w_cepct.
  if
    w_final-prctr = w_bsik-prctr.

    w_final-ktext = w_cepct-ktext.
  endif.
*      ENDLLOOP.
*      LOOP AT t_bseg INTO w_bseg.
*      if
*      w_final-belnr = w_bseg-belnr.
*
*      w_final-werks = w_bseg-werks.
*      endif.
*      ENDLLOOP.

PERFORM attachment_present USING w_bsik-bukrs w_bsik-belnr w_bsik-gjahr .
IF w_final-attch = 'X'.
  w_final-icon = '@08@'.
  PERFORM get_document_name USING w_final-instid_b.
ELSE.
  w_final-icon = '@0A@'.
  CLEAR: w_final-objdes, w_final-crdat, w_final-cronam, w_final-vorna ,w_final-nachn.
ENDIF.

APPEND w_final TO t_final.
CLEAR w_final.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
*      ENDLLOOP.

ENDIF.

IF rb2 = 'X'.

  LOOP AT t_bsak INTO w_bsak.
    w_final-bukrs = w_bsak-bukrs.

```

```

w_final-belnr = w_bsak-belnr.
w_final-gjahr = w_bsak-gjahr.
w_final-lifnr = w_bsak-lifnr.
w_final-name1 = w_lfal-name1.
w_final-name1 = w_bsak-vname.
w_final-sgtxt = w_bsak-sgtxt.
w_final-blart = w_bsak-blart.
w_final-wrbtr = w_bsak-wrbtr.
w_final-bldat = w_bsak-bldat.
w_final-prctr = w_bsak-prctr.
w_final-usnam = w_bkpf-usnam.
w_final-STBLG = w_bkpf-STBLG.
w_final-budat = w_bsak-budat.
w_final-state = 'CLEARED'.

```

```

      LOOP AT t_bkpf INTO w_bkpf.

```

```

if
w_final-belnr = w_bkpf-belnr.

w_final-usnam = w_bkpf-usnam.

```

```

endif.

```

```

*      ENDLOOP.

```

```

      LOOP AT t_t001 INTO w_t001.

```

```

if
w_final-bukrs = w_bsak-bukrs.

```

```

w_final-butxt = w_t001-butxt.

```

```

endif.

```

```

*      ENDLOOP.

```

```

      LOOP AT t_lfal INTO w_lfal.

```

```

if
w_final-lifnr = w_lfal-lifnr.

```

```

w_final-mcod1 = w_lfal-mcod1.

```

```

endif.

```

```

*      ENDLOOP.

```

```

      LOOP AT t_cepct INTO w_cepct.

```

```

if
w_final-prctr = w_bsak-prctr.

```

```

w_final-ktext = w_cepct-ktext.

```

```

endif.

```

```

*      ENDLOOP.

```

```

      LOOP AT t_bseg INTO w_bseg.

```

```

if
w_final-belnr = w_bseg-belnr.

```

```

w_final-werks = w_bseg-werks.

```

```

endif.

```

```

*      ENDLOOP.

```

```

PERFORM attachment_present USING w_bsak-bukrs w_bsak-belnr w_bsak-gjahr .

```

```

IF w_final-attch = 'X'.

```

```

    w_final-icon = '@08@'.

```

```

    PERFORM get_document_name USING w_final-instid_b.

```

```

ELSE.

```

```

        w_final-icon = '@0A@'.
        CLEAR: w_final-objdes, w_final-crdat, w_final-cronam, w_final-vorna ,w_final-nachn.
    ENDIF.

    APPEND w_final TO t_final.
    CLEAR w_final.
    clear w_cepct.
    clear w_bseg.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
*      ENDLOOP.
ENDIF.

IF rb3 = 'X'.

    LOOP AT t_bsik INTO w_bsik.
        w_final-bukrs = w_bsik-bukrs.
        w_final-belnr = w_bsik-belnr.
        w_final-gjahr = w_bsik-gjahr.
        w_final-lifnr = w_bsik-lifnr.
        w_final-name1 = w_lfal-name1.
        w_final-name1 = w_bsik-vname.
        w_final-sgtxt = w_bsik-sgtxt.
        w_final-blart = w_bsik-blart.
        w_final-wrbtr = w_bsik-wrbtr.
        w_final-bldat = w_bsik-bldat.
        w_final-prctr = w_bsik-prctr.
        w_final-usnam = w_bkpf-usnam.
        w_final-STBLG = w_bkpf-STBLG.
        w_final-budat = w_bsik-budat.
        w_final-state = 'OPEN'.

    LOOP AT t_bkpf INTO w_bkpf.
        if
            w_final-belnr = w_bkpf-belnr.

            w_final-usnam = w_bkpf-usnam.

        endif.
    *      ENDLOOP.
        LOOP AT t_t001 INTO w_t001.
            if
                w_final-bukrs = w_bsik-bukrs.

                w_final-butxt = w_t001-butxt.
            endif.
        *      ENDLOOP.
        LOOP AT t_lfal INTO w_lfal.
            if
                w_final-lifnr = w_lfal-lifnr.

                w_final-mcod1 = w_lfal-mcod1.
            endif.
        *      ENDLOOP.
        LOOP AT t_cepct INTO w_cepct.
            if

```

```

w_final-prctr = w_bsik-prctr.

w_final-ktext = w_cepct-ktext.
endif.
*
*      ENDLOOP.

*
*      LOOP AT t_bseg INTO w_bseg.
*
*      if
*
*      w_final-belnr = w_bseg-belnr.
*
*
*      w_final-werks = w_bseg-werks.
*
*      endif.
*
*      ENDLOOP.

PERFORM attachment_present USING w_bsik-bukrs w_bsik-belnr w_bsik-gjahr.
IF w_final-attch = 'X'.
  w_final-icon = '@08@'.
  PERFORM get_document_name USING w_final-instid_b.
ELSE.
  w_final-icon = '@0A@'.
  CLEAR: w_final-objdes, w_final-crdat, w_final-cronam, w_final-vorna ,w_final-nachn.
ENDIF.

APPEND w_final TO t_final.
CLEAR w_final.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
*
*      ENDLOOP.

LOOP AT t_bsak INTO w_bsak.
  w_final-bukrs = w_bsak-bukrs.
  w_final-belnr = w_bsak-belnr.
  w_final-gjahr = w_bsak-gjahr.
  w_final-lifnr = w_bsak-lifnr.
  w_final-name1 = w_bsak-vname.
  w_final-sgtxt = w_bsak-sgtxt.
  w_final-blart = w_bsak-blart.
  w_final-wrbtr = w_bsak-wrbtr.
  w_final-bldat = w_bsak-bldat.
  w_final-prctr = w_bsak-prctr.
*
*      w_final-usnam = w_bkpf-usnam.
*
*      w_final-budat = w_bsak-budat.
*
*      w_final-STBLG = w_bkpf-STBLG.
*
*      w_final-state = 'CLEARED'.

LOOP AT t_bkpf INTO w_bkpf.
  if
  w_final-belnr = w_bkpf-belnr.

  w_final-usnam = w_bkpf-usnam.

endif.
*
*      ENDLOOP.

      LOOP AT t_t001 INTO w_t001.
      if
      w_final-bukrs = w_bsak-bukrs.

```

```

        w_final-butxt = w_t001-butxt.
    endif.
*      ENDLOOP.
    LOOP AT t_lfal INTO w_lfal.
        if
            w_final-lifnr = w_lfal-lifnr.

            w_final-mcod1 = w_lfal-mcod1.
        endif.
*      ENDLOOP.

        LOOP AT t_cepct INTO w_cepct.
            if
                w_final-prctr = w_bsik-prctr.

                w_final-ktext = w_cepct-ktext.
            endif.
*          ENDLOOP.

*      LOOP AT t_bseg INTO w_bseg.
**          where
**          w_final-belnr = w_bseg-belnr.
*          if
*          w_final-belnr = w_bseg-belnr.
*
*          w_final-werks = w_bseg-werks.
*      endif.
**          ENDLOOP.

    PERFORM attachment_present USING w_bsak-bukrs w_bsak-belnr w_bsak-gjahr .
    IF w_final-attch = 'X'.
        w_final-icon = '@08@'.
        PERFORM get_document_name USING w_final-instid_b.
    ELSE.
        w_final-icon = '@0A@'.
        CLEAR: w_final-objdes, w_final-crdat, w_final-cronam, w_final-vorna ,w_final-nachn.
    ENDIF.

    APPEND w_final TO t_final.
    CLEAR w_final.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
ENDLOOP.
*      ENDLOOP.
ENDIF.

SORT t_final BY budat.
DELETE ADJACENT DUPLICATES FROM t_final COMPARING bukrs belnr gjahr.
DESCRIBE TABLE t_final LINES n.

ENDFORM.                " GET_FINAL
*&-----*
*&      Form  GET_DOCUMENT_NAME
*&-----*
*      text
*-----*
*  -->  p1      text

```

```

* <-- p2          text
*-----*
FORM get_document_name USING insti2.
*FOL37000000000004EXT40000000058020
  objtp = insti2+17(3).
  objyr = insti2+20(2).
  objno = insti2+22(12).

CLEAR w_sood.
SELECT SINGLE objdes crdat cronam
  FROM sood
  INTO CORRESPONDING FIELDS OF w_sood
  WHERE objtp = objtp
        AND objyr = objyr
        AND objno = objno.

w_final-objdes = w_sood-objdes.
w_final-crdat  = w_sood-crdat.
w_final-cronam = w_sood-cronam.

SELECT SINGLE vorna nachn
  FROM pa0002
  INTO (w_final-vorna,w_final-nachn)
  WHERE pernr = w_sood-cronam
        AND begda LE sy-datum
        AND endda GE sy-datum.

ENDFORM.                  " GET_DOCUMENT_NAME
*&-----*
*&      Form  INSERT_FIELDCAT
*&-----*
*      text
*-----*
*      -->P_0928    text
*      -->P_SPACE   text
*      -->P_0930    text
*      -->P_SPACE   text
*      -->P_0932    text
*      -->P_0933    text
*-----*
FORM insert_fieldcat USING value(p_field)
                        p_rtab
                        p_rfield
                        p_icon
                        p_no_out
                        value(p_fname)
                        p_hots
                        p_emphs
                        p_sum.

ADD 1 TO col_pos.
wa_fieldcat-col_pos      = col_pos.
wa_fieldcat-fieldname    = p_field.
wa_fieldcat-seltext_m    = p_fname.
wa_fieldcat-icon         = p_icon.
wa_fieldcat-no_out       = p_no_out.
wa_fieldcat-ref_fieldname = p_rfield.
wa_fieldcat-ref_tabname  = p_rtab.
wa_fieldcat-hotspot      = p_hots.
wa_fieldcat-emphasize    = p_emphs.
wa_fieldcat-do_sum       = p_sum.

```

```

APPEND wa_fieldcat TO it_fieldcat.
CLEAR wa_fieldcat.
ENDFORM.                " INSERT_FIELDCAT

*&-----*
*&      Form  ATTACHMENT_PRESENT
*&-----*
*      text
*-----*
*  -->  p1      text
*  <--  p2      text
*-----*

FORM attachment_present USING bukrs belnr gjahr.

CONCATENATE bukrs belnr gjahr INTO instid.
CONDENSE instid.

CLEAR w_srgbtbrel.
SELECT SINGLE *
  FROM srgbtbrel
  INTO w_srgbtbrel
  WHERE instid_a = instid
        AND reltype = 'ATTA'
        AND catid_a = 'BO'.

IF sy-subrc <> 0.
  w_final-attch = '0'.
ELSE.
  w_final-attch = 'X'.
  w_final-instid_b = w_srgbtbrel-instid_b.
ENDIF.

ENDFORM.                " ATTACHMENT_PRESENT

FORM list .

wa_listhead-typ = 'H'.
wa_listhead-info = 'Vendor PDF Attachment Report'.
APPEND wa_listhead TO it_listhead.
CLEAR wa_listhead.

wa_listhead-typ = 'S'.

CONCATENATE n ' Hits' INTO wa_listhead-info.
APPEND wa_listhead TO it_listhead.
CLEAR wa_listhead.

CALL FUNCTION 'REUSE_ALV_COMMENTARY_WRITE'
  EXPORTING
    it_list_commentary = it_listhead
    i_logo              = 'ENJOYSAP_LOGO'
*    I_END_OF_LIST_GRID =
*    I_ALV_FORM         =
.
CLEAR it_listhead.
ENDFORM.                " LIST

```