  METHOD determine\_to\_processed.  
  
\*&---------------------------------------------------------------------\*  
\*\*--------------------------Data Declaration--------------------------\*\*  
\*&---------------------------------------------------------------------\*  
    DATA: ls\_processed           TYPE zcl\_z\_google\_extract\_t\_mpc\_ext=>ts\_processed1,  
          ls\_exception           TYPE zcl\_z\_google\_extract\_t\_mpc\_ext=>ts\_exceptions1,  
          lt\_processed           TYPE STANDARD TABLE OF zcl\_z\_google\_extract\_t\_mpc\_ext=>ts\_processed1,  
          lt\_exception           TYPE STANDARD TABLE OF zcl\_z\_google\_extract\_t\_mpc\_ext=>ts\_exceptions1,  
  
          lv\_zfbdt               TYPE bseg-zfbdt,  
          lv\_lines(2)            TYPE n, "//change the no ,there can me 3 digits too  
          lv\_main\_lines(2)       TYPE n, "//change the no  
          lv\_po\_lines            TYPE i,  
          lv\_indicator1(1)       TYPE n,  
          lv\_counter             TYPE n,  
          lv\_length              TYPE i,  
          lv\_length\_zterm        TYPE i,  
          lv\_length\_nonpo\_zterm  TYPE i,  
          lv\_ponumber            TYPE ebeln,  
\*          \*START OF CODE ADDED BY PARVATHY GIREENDRAN ON 4/24  
          lv\_itemcode            TYPE matnr,  
          lv\_zpaymentterm        TYPE ekko-zterm,  
          lv\_zcompanycode        TYPE t001-bukrs,  
          lv\_zbilltocompany      TYPE t001-butxt,  
          lv\_add\_net             TYPE invfo-wrbtr VALUE '0', "not cleared - local variable to get the total amount inside the loop  
          lv\_net                 TYPE invfo-wrbtr VALUE '0', ""not cleared -- local variable to get the total amount before the loop  
          lv\_tax\_net             TYPE invfo-wrbtr VALUE '0', ""not cleared--- local variable to get the total of tax amount sum of each line item tax amount  
          lv\_add\_gross           TYPE invfo-wrbtr, ""not cleared--get the total gross amount  
          lv\_wrbtr\_q\_h           TYPE wrbtr\_cs,  
          lv\_wrbtr\_q\_s           TYPE wrbtr\_cs,  
          lv\_wrbtr\_q\_diff        TYPE wrbtr\_cs,  
          lv\_wrbtr\_open          TYPE wrbtr\_cs,  
\*          \*END OF CODE ADDED BY PARVATHY GIREENDRAN ON 4/24  
          lv\_menge\_q\_h           TYPE menge\_d,  
          lv\_menge\_q\_s           TYPE menge\_d,  
          lv\_menge\_q\_diff        TYPE menge\_d,  
          lv\_menge\_e\_h           TYPE menge\_d,  
          lv\_menge\_e\_s           TYPE menge\_d,  
          lv\_menge\_e\_diff        TYPE menge\_d,  
          lv\_menge\_open          TYPE menge\_d,  
          lv\_year(4)             TYPE c,  
          lv\_month(2)            TYPE c,  
          lv\_day(2)              TYPE c,  
          lv\_len\_month           TYPE i,  
          lv\_len\_day             TYPE i,  
          ex\_baseline\_input      TYPE bkpf-bldat,  
          ex\_baseline\_output(10) TYPE c,  
          it\_t\_mwdat             TYPE STANDARD TABLE OF rtax1u15, "TABLES PARAM  
          wa\_t\_mwdat             LIKE LINE OF it\_t\_mwdat,  
          lv\_totalamt            TYPE netpr,  
          lv\_itmqty              TYPE bstmg,  
          lv\_tollamt             TYPE netpr,  
          lv\_i\_bukrs             TYPE bkpf-bukrs,  
          lv\_i\_mwskz             TYPE bseg-mwskz,  
          lv\_i\_txjcd             TYPE  bseg-txjcd,  
          lv\_i\_waers             TYPE  bkpf-waers,  
          lv\_i\_wrbtr             TYPE  bseg-wrbtr,  
          lv\_sap\_intuom          TYPE meins,  
          lv\_extra               TYPE meins,  
          lv\_isotosap            TYPE t006-msehi,  
          lv\_pouom               TYPE t006-isocode.  
  
\*&---------------------------------------------------------------------\*  
\*\*--------------------------     Constant   --------------------------\*\*  
\*&---------------------------------------------------------------------\*  
    CONSTANTS:c\_dash(1)  TYPE c VALUE '-'.  
  
    LOOP AT it\_processed INTO ls\_processed.  
      lv\_net = lv\_net + ls\_processed-ztotalamount.  
    ENDLOOP.  
    CLEAR:ls\_processed.  
  
    READ TABLE it\_processed INTO ls\_processed INDEX 1.  
  
    lv\_length = cl\_abap\_list\_utilities=>dynamic\_output\_length( ls\_processed-zpono ).  
    DESCRIBE TABLE it\_processed LINES lv\_main\_lines.  
  
    IF ls\_processed-zpono IS NOT INITIAL.  
  
\*-- Start of Change by SOSWAIN for price variance  
\*SELECT EBELN, EBELP, NETPR  
\*  FROM ekpo  
\*  into TABLE @data(lt\_ekpo\_temp)  
\*  where ebeln = @ls\_processed-zpono.  
\*  IF sy-subrc EQ 0.  
\*    SORT lt\_ekpo\_temp by ebeln ebelp.  
      SELECT SINGLE wert1,xw1ja,wert2,xw2ja,proz1,xp1ja,proz2,xp2ja  
        FROM t169g  
        INTO @DATA(ls\_t169g)  
        WHERE bukrs = @ls\_processed-zcompanycode  
          AND tolsl = 'PP'.  
      IF sy-subrc NE 0.  
        CLEAR ls\_t169g.  
        ls\_t169g-wert2 = 0.  
        ls\_t169g-xw2ja = abap\_true.  
      ENDIF.  
\*  ENDIF.  
\*-- End of Change by SOSWAIN for price variance  
  
\*-------------------------------------------\*  
\*----------------PO Scenario----------------\*  
\*-------------------------------------------\*  
      IF lv\_length LE 10.  
\*----Fetch PO Header Data from EKKO----\*  
\*        adding zterm  BY PARVATHY GIREENDRAN ON 4/24  
        SELECT SINGLE ebeln,bukrs,ekorg,waers,lifnr,lifre,zterm,knumv  
          INTO @DATA(ls\_ekko)  
          FROM ekko  
          WHERE ebeln = @ls\_processed-zpono.  
  
\*----Fetch PO Item Data from EKPO----\*  
        SELECT ebeln,ebelp,matnr,txz01,loekz,menge,meins,netpr,mwskz,txjcd,webre,mfrpn,netwr  
          FROM ekpo  
          INTO TABLE @DATA(lt\_ekpo)  
          WHERE ebeln = @ls\_processed-zpono.  
  
\*----Fetch PO History from EKBE----\*  
\*\*\*\*        SELECT ebeln,ebelp,gjahr,buzei,belnr,lfpos  
\*\*\*\*          INTO TABLE @DATA(lt\_ekbe)  
\*\*\*\*          FROM ekbe  
\*\*\*\*          WHERE ebeln = @ls\_processed-zpono  
\*\*\*\*          AND   bewtp = 'E'.  
  
\*----Fetch PO History from EKBE FOR Total GR Quantity BEWTYP = 'E' IR Quantity BEWTYP = 'Q'----\*  
        SELECT ebeln,ebelp,bewtp,shkzg,SUM( menge ) AS menge,SUM( wrbtr ) AS wrbtr  
          INTO TABLE @DATA(lt\_total\_grir)  
          FROM ekbe  
          WHERE ebeln = @ls\_processed-zpono  
          AND bewtp IN ('E','Q')  
          GROUP BY ebeln,ebelp,bewtp,shkzg.  
  
        SORT lt\_total\_grir BY ebelp bewtp.  
      ENDIF.  
  
\*----Check Number of Items in EKPO----\*  
      DESCRIBE TABLE lt\_ekpo LINES lv\_lines.  
  
      LOOP AT it\_processed INTO ls\_processed.  
  
\*--------------------------------------------------------------------------\*  
\*----AS-IS fields from Table ZOCR\_EXTRACT to Table ZOCR\_PROCESSED----\*  
\*--------------------------------------------------------------------------\*  
        ls\_processed-zimagefingerprint    = ls\_processed-zimagefingerprint.  
        ls\_processed-zinvno                = ls\_processed-zinvno.  
        ls\_processed-zitemindex            = ls\_processed-zitemindex.  
\*change by Parvathy 5/15  
\*       ls\_processed-zdocdate             = ls\_processed-zinvdate.  
        ls\_processed-zdocdate             = ls\_processed-zdocdate.  
        ls\_processed-zinvdate              = ls\_processed-zinvdate.  
        ls\_processed-zpostingdate         = sy-datum.  
        ls\_processed-zpono                = ls\_processed-zpono.  
        ls\_processed-zinvoicecategory     = ls\_processed-zinvoicecategory.  
        ls\_processed-zshiptoaddress1       = ls\_processed-zshiptoaddress1.  
        ls\_processed-zshiptoaddress2       = ls\_processed-zshiptoaddress2.  
        ls\_processed-zbilltocompany        = ls\_processed-zbilltocompany.  
        ls\_processed-zbilltoname           = ls\_processed-zbilltoname.  
        ls\_processed-zbilltophone          = ls\_processed-zbilltophone.  
        ls\_processed-zbilltoaddr1          = ls\_processed-zbilltoaddr1.  
        ls\_processed-zbilltoaddr2          = ls\_processed-zbilltoaddr2.  
        ls\_processed-zbilltocountry        = ls\_processed-zbilltocountry.  
        ls\_processed-zbilltovat            = ls\_processed-zbilltovat.  
        ls\_processed-zbilltoemail          = ls\_processed-zbilltoemail.  
        ls\_processed-zreminame             = ls\_processed-zreminame.  
        ls\_processed-zremittoaddr1         = ls\_processed-zremittoaddr1.  
        ls\_processed-zremittoaddr2         = ls\_processed-zremittoaddr2.  
        ls\_processed-zremittopin           = ls\_processed-zremittopin.  
        ls\_processed-zremittostreet        = ls\_processed-zremittostreet.  
        ls\_processed-zremittovat           = ls\_processed-zremittovat.  
        ls\_processed-zremittoemail       = ls\_processed-zremittoemail.  
        ls\_processed-zremittophone       = ls\_processed-zremittophone.  
        ls\_processed-zsuppliernumber      = ls\_processed-zsuppliernumber.  
        ls\_processed-zsuppliername        = ls\_processed-zsuppliername.  
        ls\_processed-zsuppliername2       = ls\_processed-zsuppliername2."remit supplier id  
        ls\_processed-zsupplierpobox      = ls\_processed-zsupplierpobox.  
        ls\_processed-zsupplierpoboxzip  = ls\_processed-zsupplierpoboxzip.  
        ls\_processed-zsupplierstreet      = ls\_processed-zsupplierstate.  
        ls\_processed-zsupplierstate       = ls\_processed-zsupplierstate.  
        ls\_processed-zsupplierzip         = ls\_processed-zsupplierzip.  
        ls\_processed-zcompanycode         = ls\_processed-zcompanycode.  
        ls\_processed-zgrossamount         = ls\_processed-zgrossamount.  
        ls\_processed-znetamount           = ls\_processed-znetamount.  
        ls\_processed-zterms                = ls\_processed-zterms.  
        ls\_processed-zdueon               = ls\_processed-zdueon.  
        ls\_processed-zcurrency             = ls\_processed-zcurrency.  
        ls\_processed-zrate                 = ls\_processed-zrate.  
        ls\_processed-ziban                 = ls\_processed-ziban.  
        ls\_processed-zswift                = ls\_processed-zswift.  
        ls\_processed-ztotaltax            = ls\_processed-ztotaltax.  
\*    ls\_processed-zitemno               = ls\_processed-zitemno.  
        ls\_processed-zitemdesc            = ls\_processed-zitemdesc.  
        ls\_processed-zitemprice            = ls\_processed-zitemprice.  
        ls\_processed-zitemqty              = ls\_processed-zitemqty.  
        ls\_processed-zitemtax              = ls\_processed-zitemtax.  
        ls\_processed-zitemunit             = ls\_processed-zitemunit.  
        ls\_processed-zitemqtyship          = ls\_processed-zitemqtyship.  
        ls\_processed-zunitprice           = ls\_processed-zunitprice.  
        ls\_processed-ztotalamount          = ls\_processed-ztotalamount.  
        ls\_processed-zpgidate              = ls\_processed-zpgidate.  
        ls\_processed-zinvtype             = ls\_processed-zinvoicecategory.  
        ls\_processed-zheadertext          = ls\_processed-zheadertext.  
        ls\_processed-zautocaltax          = ls\_processed-zautocaltax."changed Parvathy 5/29 "abap\_true. "X  
        ls\_processed-ztotaltaxamt        = ls\_processed-ztotaltaxamt."ztotaltax-extracted,ztotaltaxamt-processed  
        ls\_processed-zexchangerate        = ls\_processed-zrate.  
        ls\_processed-zvatamount           = ls\_processed-zvatamount.  
        ls\_processed-zvatamount1         = ls\_processed-zvatamount1.  
        ls\_processed-zvatamount2         = ls\_processed-zvatamount2.  
        ls\_processed-zvatamount3         = ls\_processed-zvatamount3.  
        ls\_processed-zvatamount4         = ls\_processed-zvatamount4.  
        ls\_processed-zvatrate             = ls\_processed-zvatrate.  
        ls\_processed-zvatrate1           = ls\_processed-zvatrate1.  
        ls\_processed-zvatrate2           = ls\_processed-zvatrate2.  
        ls\_processed-zvatrate3           = ls\_processed-zvatrate3.  
        ls\_processed-zvatrate4           = ls\_processed-zvatrate4.  
        ls\_processed-zvatid               = ls\_processed-zvatid.  
        ls\_processed-zvatid1              = ls\_processed-zvatid1.  
        ls\_processed-zvatid2              = ls\_processed-zvatid2.  
        ls\_processed-zvatid3              = ls\_processed-zvatid3.  
        ls\_processed-zvatid4              = ls\_processed-zvatid4.  
        ls\_processed-zfilename             = ls\_processed-zfilename.  
        ls\_processed-zreqemil             = ls\_processed-zreqemil.  
        ls\_processed-zdeliverynote        = ls\_processed-zdeliverynote.  
        ls\_processed-zinvfreightamt      = ls\_processed-zinvfreightamt.  
        ls\_processed-zinvhandlingcharges = ls\_processed-zinvhandlingcharges.  
        ls\_processed-zdocitmininvdoc   = ls\_processed-zpono.  
        ls\_processed-zitemnopurchingdoc  = ls\_processed-zitemno.  
        ls\_processed-zpounitofmeasure   = ls\_processed-zitemunit.  
        ls\_processed-zitemqty              = ls\_processed-zitemqty.  
        ls\_processed-zamtdoccurr         = ls\_processed-ztotalamount.  
        ls\_processed-zitemdesc            = ls\_processed-zitemdesc.  
        ls\_processed-zunitprice           = ls\_processed-zunitprice.  
        ls\_processed-zitemtaxamt         = ls\_processed-zitemtax.  
        ls\_processed-zitemtaxrate        = ls\_processed-zitemtaxrate.  
        ls\_processed-zdeliverynotenumber = ls\_processed-zdeliverynotenumber.  
        ls\_processed-zbankno              = ls\_processed-zbankname.  
        ls\_processed-zbankacc             = ls\_processed-zbankacc.  
        ls\_processed-zitemcode            = ls\_processed-zitemcode.  
  
\*------------------------------------------------------------------------------------\*  
\*----Derived Fields based on Logic provided in FS and incoming ZOCR\_EXTRACT Data---\*  
\*------------------------------------------------------------------------------------\*  
  
        IF ls\_processed-zpono IS NOT INITIAL.  
\*----Document Type----\*  
          IF ls\_ekko-ebeln IS NOT INITIAL AND NOT lv\_length GT 10.  
            ls\_processed-zdoctype             = 'ZPOM'.  
          ELSE.  
\*----PO Not Found Check----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'E1.Item' && ls\_processed-zitemindex && ':' && 'PO Not Found'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ENDIF."LS\_EKKO Initial Check  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*COMPANY CODE LOGIC\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*Changed By - Parvathy Gireendran  
\*Date Changed - 5/14/2019  
\*Transport Request No - DEDK900230  
\*Reason for change - New logic added to FS for Company code logic and exception creation.  
        IF ls\_processed-zcompanycode IS INITIAL .  
          IF ls\_processed-zbilltocompany IS NOT INITIAL.  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zbilltocompany  
              IMPORTING  
                output = lv\_zbilltocompany.  
            SELECT SINGLE butxt , bukrs , adrnr INTO @DATA(ls\_po\_t001) FROM t001 WHERE butxt = @lv\_zbilltocompany.  
            IF sy-subrc = 0.  
\*----Company Code for PO Invoices EKKO based----\*  
              ls\_processed-zcompanycode          = ls\_po\_t001-bukrs.  
            ELSE.  
\*----Company Code  Not Found Check----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Company Code'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ELSE.  
\*----Company Code Cannot be determined Not Found Check----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Company Code'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ELSE.  
          CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
            EXPORTING  
              input  = ls\_processed-zcompanycode  
            IMPORTING  
              output = lv\_zcompanycode.  
          TRANSLATE lv\_zcompanycode TO UPPER CASE.  
          SELECT SINGLE butxt, bukrs, adrnr  INTO @DATA(ls\_po\_t001s) FROM t001 WHERE bukrs = @lv\_zcompanycode. " Added by SOSWAIN on 29/05/2019  
          IF sy-subrc = 0 .  
            ls\_processed-zcompanycode          = ls\_po\_t001s-bukrs.  
            ls\_processed-zbilltocompany          = ls\_po\_t001s-butxt.  
  
          ELSE.  
\*----Company Code  Not Found Check----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Invalid Company Code'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*\*\*end of new logic added for company code on 5/14/2019  
\*--Start of addition by SOSWAIN for Bill to party address  
        DATA: lv\_adrnr TYPE adrnr.  
        IF ls\_po\_t001s IS NOT INITIAL.  
          lv\_adrnr = ls\_po\_t001s-adrnr.  
        ELSE.  
          lv\_adrnr = ls\_po\_t001s-adrnr.  
        ENDIF.  
        SELECT SINGLE name1,city1,post\_code1,street,house\_num1,country,region  
          FROM adrc  
          INTO @DATA(ls\_adrc)  
          WHERE addrnumber = @lv\_adrnr.  
        IF sy-subrc EQ 0.  
          ls\_processed-zsupplierpoboxzip = ls\_adrc-post\_code1.  
          CONCATENATE ls\_adrc-city1 ls\_adrc-region INTO ls\_processed-zsupplierstreet SEPARATED BY space.  
          ls\_processed-zbilltocompany = ls\_adrc-name1.  
\*          ls\_processed-Zbilltoaddr1 = ls\_adrc-.    " Waiting for reply  
          CONCATENATE ls\_adrc-house\_num1 ls\_adrc-street INTO ls\_processed-zbilltoaddr2 SEPARATED BY space.  
          SELECT SINGLE landx FROM t005t INTO @DATA(lv\_landx) WHERE spras = @sy-langu AND land1 = @ls\_adrc-country.  
          IF sy-subrc EQ 0.  
            ls\_processed-zbilltocountry = lv\_landx.  
          ENDIF.  
        ENDIF.  
\*--End of addition by SOSWAIN  
  
\*----Determining Vendor NO AND VENOR NAME ---\*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*COMMENTING OUT AS NOT REQUIRED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*        IF ls\_processed-zremittovat IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @DATA(ls\_lfa1) FROM lfa1 WHERE stceg = @ls\_processed-zremittovat.  
\*        ENDIF.  
\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittovat IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE stcd1 = @ls\_processed-zremittovat.  
\*        ENDIF.  
\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittovat IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE stcd2 = @ls\_processed-zremittovat.  
\*        ENDIF.  
\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittophone IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE telf1 = @ls\_processed-zremittophone.  
\*        ENDIF.  
\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittophone IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE telf2 = @ls\_processed-zremittophone.  
\*        ENDIF.  
\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_ekko-lifre IS NOT INITIAL.  
\*          ls\_lfa1-lifnr = ls\_ekko-lifre.  
\*        ELSE.  
\*          ls\_lfa1-lifnr = ls\_ekko-lifnr."assigning vendor no based on PO  
\*        ENDIF.  
\*  
\*----Assing Vendor Number from EKKO ----\*  
        ls\_processed-zvendorno  = ls\_ekko-lifnr.  
  
\*--Start of addition by SOSWAIN  
        IF ls\_processed-zvendorno IS NOT INITIAL.  
          SELECT SINGLE name1  
            FROM lfa1  
            INTO ls\_processed-zsuppliername  
            WHERE lifnr = ls\_processed-zvendorno.  
        ENDIF.  
  
\*\*----Company Code not matching with PO company code Check----\*  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*\*        ls\_processed-zcompanycode  
\*        SELECT SINGLE bukrs FROM EKKO INTO @DATA(lv\_bukrs) WHERE ebeln = @ls\_processed-zpono.  
\*          IF sy-subrc EQ 0 and lv\_bukrs NE ls\_processed-zcompanycode.  
\*            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*            ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*            ls\_exception-zdoctype               = 'ZPOM'.  
\*            CONCATENATE 'Item' ls\_processed-zitemindex ':' 'The company code' ls\_processed-zcompanycode  
\*                        'does not match with company code in the PO'  
\*                   INTO ls\_exception-zexceptionno  
\*           SEPARATED BY space.  
\*            ls\_exception-zexceptionstatus       = 'Scanned'.  
\*            ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*            ls\_exception-zlastchecked           = sy-uzeit.  
\*            APPEND ls\_exception TO lt\_exception.  
\*            CLEAR ls\_exception.  
\*          ENDIF.  
\*--End of addition by SOSWAIN  
\*----If Vendor Not Found Check-----\*  
        IF ls\_processed-zvendorno IS INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Invalid Vendor'.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*END OF VENDOR NO LOGIC\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*commenting it out not required\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*----Alternate Payee LFA1 based----\*  
\*       ls\_processed-zalternatepayee      = ls\_lfa1-lnrza."CHECK WITH Hussain , no value currently coming to this field,Parvathy commented it on 6/3  
\*  
\*\*----Assigning Invoicing Party----\*  
\*        IF ls\_lfa1-lifnr = ls\_ekko-lifnr.  
\*          ls\_processed-zinvoicingparty    = ls\_ekko-lifnr.  
\*        ELSE.  
\*          ls\_processed-zinvoicingparty    = ls\_ekko-lifre.  
\*        ENDIF.  
  
\*----Vendor Mismatch With PO Check----\*  
\*        IF ls\_processed-zpono IS NOT INITIAL.  
\*\*      IF ls\_ekko-lifnr NE ls\_lfa1-lifnr OR ls\_lfa1-lifnr NE ls\_ekko-lifre.  
\*  
\*          IF ls\_ekko-lifnr NE ls\_lfa1-lifnr.  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*\*----Counter----\*  
\*            lv\_counter = lv\_counter + 1.  
\*            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*            ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*            ls\_exception-zindex                  = lv\_counter.  
\*            ls\_exception-zdoctype               = 'ZPOM'.  
\*            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Vendor mismatch with PO'.  
\*            ls\_exception-zexceptionstatus       = 'Scanned'.  
\*            ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*            ls\_exception-zlastchecked           = sy-uzeit.  
\*            APPEND ls\_exception TO lt\_exception.  
\*            CLEAR ls\_exception.  
\*          ENDIF.  
\*        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*commenting it out not required\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*REMIT TO LOGIC STARTS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*Changed By - Parvathy Gireendran  
\*Date Changed - 5/14/2019  
\*Transport Request No - DEDK900230  
\*Reason for change - New logic added to FS for Remit to logic and exception creation.  
        IF ls\_processed-zsuppliername2 IS INITIAL.""zsuppliername2 = remit supplier id  
          IF ls\_processed-zreminame IS  INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Remit Supplier ID'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ELSE.  
            SELECT name1,pstlz,lifnr  
             FROM lfa1  
             INTO TABLE @DATA(lt\_po\_lfa1)  
             WHERE name1 = @ls\_processed-zreminame  
             AND   pstlz = @ls\_processed-zremittopin.  
  
            IF lt\_po\_lfa1 IS NOT INITIAL.  
  
              SELECT  lifnr,bukrs  
                     FROM lfb1  
                FOR ALL ENTRIES IN @lt\_po\_lfa1  
                     WHERE bukrs = @ls\_processed-zcompanycode AND  
                           lifnr = @lt\_po\_lfa1-lifnr  
                INTO TABLE @DATA(lt\_po\_lfb1).  
  
              IF sy-subrc = 0.  
                DESCRIBE TABLE lt\_po\_lfb1 LINES lv\_po\_lines.  
                IF lv\_po\_lines = 1."checking if unique  
                  READ TABLE lt\_po\_lfb1 INTO DATA(ls\_po\_lfb1) WITH KEY bukrs = ls\_processed-zcompanycode.  
                  IF sy-subrc = 0.  
                    ls\_processed-zsuppliername2 = ls\_po\_lfb1-lifnr.  
                    lv\_indicator1 = 1.  
                  ENDIF.  
                ELSE."SINCE NO UNIQUE VALUE FROM LFA1 AND LFB1  
\*----Raise EXCEPTION----\*  
\*----Counter----\*  
                  lv\_counter = lv\_counter + 1.  
                  ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                  ls\_exception-zinvno                  = ls\_processed-zinvno.  
                  ls\_exception-zindex                  = lv\_counter.  
                  ls\_exception-zdoctype               = 'ZPOM'.  
                  ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Remit Supplier ID'.  
                  ls\_exception-zexceptionstatus       = 'Scanned'.  
                  ls\_exception-zmessagerasiedduring  = 'Exception'.  
                  ls\_exception-zlastchecked           = sy-uzeit.  
                  APPEND ls\_exception TO lt\_exception.  
                  CLEAR ls\_exception.  
                ENDIF.  
              ENDIF.  
            ELSE. "SINCE NO VALUE FETCHED FROM LFA1  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Remit Supplier ID'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ENDIF.  
        ELSE.    "WHEN SUPPLIER NO IS not blank irrespective if remit supplier name is there or not.  
          SELECT  SINGLE lifnr,name1,ort01,pstlz,stras,land1  
          FROM lfa1  
          INTO @DATA(ls\_po\_lfa1s)  
          WHERE lifnr = @ls\_processed-zsuppliername2.  
          IF sy-subrc = 0.  
            ls\_processed-zreminame            = ls\_po\_lfa1s-name1.  
            ls\_processed-zremittoaddr1         = ls\_po\_lfa1s-ort01.  
            ls\_processed-zremittostreet        = ls\_po\_lfa1s-stras.  
            ls\_processed-zremittopin           = ls\_po\_lfa1s-pstlz.  
            ls\_processed-zremittoaddr2         = ls\_po\_lfa1s-land1.  
            lv\_indicator1 = 1.  
          ELSE.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Invalid Remit Supplier ID'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ENDIF.  
        IF lv\_indicator1 IS NOT INITIAL.  
          IF ls\_processed-zsuppliername2 NE ls\_processed-zvendorno.  
  
            SELECT SINGLE lifnr,parvw,lifn2  
            FROM wyt3  
            INTO @DATA(lv\_wyt3)  
            WHERE lifnr = @ls\_processed-zvendorno  
            AND   parvw = 'RS'  " INTERNAL CONVERSIN , NEED TO CHECK WITH dEEPANKER , INITIALLY IT WAS PI , BUT CHECKING IN TABLE TPART , PARVW SHOWS RS  
            AND   lifn2 = @ls\_processed-zsuppliername2.  
  
            IF sy-subrc NE 0.  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno = 'E6.Item' && ls\_processed-zitemindex && ':' && 'Remit Supplier ''' && ls\_processed-zsuppliername2 && ''' is not an Invoicing Party of Supplier '''  && ls\_processed-zvendorno && ''' select valid remit to supplier'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ENDIF.  
        ENDIF.  
        CLEAR: lv\_po\_lines,lv\_indicator1.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*REMIT TO LOGIC ENDS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Pushed for phase so commenting it out - part 1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*---Suspected Duplicate Check----\*  
\*        IF ls\_processed-zvendorno IS NOT INITIAL OR  
\*           ls\_processed-zcompanycode IS NOT INITIAL OR  
\*           ls\_processed-zinvno IS NOT INITIAL.  
\*  
\*          SELECT SINGLE belnr  
\*            FROM rbkp  
\*            INTO @DATA(lv\_belnr)  
\*            WHERE bukrs = @ls\_processed-zcompanycode  
\*            AND   blart = 'RE'  
\*            AND   xblnr = @ls\_processed-zinvno.  
\*  
\*          IF sy-subrc EQ 0.  
\*  
\*\*\*          SELECT SINGLE lifnr  
\*\*\*            FROM bseg  
\*\*\*            INTO @DATA(lv\_bseg\_lifnr)  
\*\*\*            WHERE belnr = @lv\_belnr  
\*\*\*            AND   bukrs = @ls\_processed-zcompanycode  
\*\*\*            AND   shkzg = 'H'.  
\*  
\*\*\*          IF lv\_bseg\_lifnr NE ls\_processed-zvendor\_no.  
\*  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*\*----Counter----\*  
\*            lv\_counter = lv\_counter + 1.  
\*            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*            ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*            ls\_exception-zindex                  = lv\_counter.  
\*            ls\_exception-zdoctype               = 'ZPOM'.  
\*\*          ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Suspected Duplicate'.  
\*            ls\_exception-zexceptionstatus       = 'Scanned'.  
\*            ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*            ls\_exception-zlastchecked           = sy-uzeit.  
\*\*          APPEND ls\_exception TO lt\_exception.  
\*            CLEAR ls\_exception.  
\*\*          ENDIF.  
\*          ENDIF.  
\*  
\*        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*pushed for phase 2 so commenting it out end  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
  
\*----Currency Check----\*  
\*--Start of Defect 79  
        IF ls\_processed-zcurrency IS NOT INITIAL.  
          SELECT SINGLE waers  
            INTO @DATA(lv\_currency)  
            FROM tcurc  
            WHERE waers = @ls\_processed-zcurrency.  
  
\*----Invalid Currency----\*  
          IF lv\_currency IS INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Please enter valid Currency'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ELSE.  
  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CURRENCY MISMATCH VALIDATION\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*----Matching PO Currency with Incoming Currency Check----\*  
            IF ls\_processed-zcurrency NE ls\_ekko-waers.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'E7.Item' && ls\_processed-zitemindex && ':' && 'Currency Mismatch with PO'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ENDIF.  
        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CURRENCY MISMATCH VALIDATION END\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*--End of Defect 79  
\*---------------------------------------------------------------------------------------\*  
\*----------------------------EKPO: Purchase Order ITEM DATA-----------------------------\*  
\*---------------------------------------------------------------------------------------\*  
\*----Read Item Data from EKPO table----  
\*---Matching with Material Number MATNR and Unit Price---\*  
  
        IF ls\_processed-zitemcode IS NOT INITIAL .  
          lv\_itemcode = ls\_processed-zitemcode.  
          CALL FUNCTION 'CONVERSION\_EXIT\_MATN1\_INPUT'  
            EXPORTING  
              input  = lv\_itemcode  
            IMPORTING  
              output = lv\_itemcode.  
          SORT lt\_ekpo BY matnr.  
          READ TABLE lt\_ekpo INTO DATA(ls\_ekpo) WITH KEY matnr = lv\_itemcode BINARY SEARCH.  
          IF sy-subrc EQ 0.  
            DATA(lv\_itemfound) = 'X'.  
          ELSE.  
\*---Matching with Material Description TXZ01 and Unit Price---\*  
            SORT lt\_ekpo BY mfrpn.  
            READ TABLE lt\_ekpo INTO ls\_ekpo WITH KEY mfrpn = lv\_itemcode BINARY SEARCH.  
            IF sy-subrc EQ 0.  
              lv\_itemfound = 'X'.  
            ENDIF.  
            CLEAR:lv\_itemcode.  
          ENDIF.  
        ENDIF.  
  
        IF  lv\_itemfound NE 'X'.  
          IF ls\_processed-zitemdesc IS NOT INITIAL .  
  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zpono  
              IMPORTING  
                output = lv\_ponumber.  
  
            CALL METHOD zgoogle\_fuzzysearch\_amdp=>po\_item\_match  
              EXPORTING  
                iv\_text       = ls\_processed-zitemdesc  
                iv\_ponum      = lv\_ponumber  
              IMPORTING  
                et\_po\_details = DATA(lt\_desc).  
  
            SORT lt\_desc BY score DESCENDING.  
  
            READ TABLE lt\_desc INTO DATA(ls\_desc) INDEX 1.  
\*---Matching with Material Description TXZ01 and Unit Price---\*  
            SORT lt\_ekpo BY txz01.  
            READ TABLE lt\_ekpo INTO ls\_ekpo WITH KEY txz01 = ls\_desc-txz01 BINARY SEARCH."ls\_processed-zitemdesc  
\*                                                   netpr = ls\_processed-zunitprice.  
            IF sy-subrc EQ 0.  
              lv\_itemfound = 'X'.  
\*If the item details are fetch using the description then the itemcode(matial number/part no ) is not valid, and need not been shown on the screen ,so clearing the value for the same.  
              CLEAR ls\_processed-zitemcode.  
              ls\_processed-zitemcode = ls\_desc-matnr.  
            ENDIF.  
          ENDIF.  
        ENDIF.  
\*-- Start of Change by SOSWAIN for price variance  
        IF ls\_ekpo IS NOT INITIAL.  
          MOVE ls\_processed-ztotalamount TO lv\_totalamt.  
          MOVE ls\_processed-zitemqty TO lv\_itmqty.  
          DATA(lv\_pnetwr) = ( ls\_ekpo-netwr / ls\_ekpo-menge ) \* lv\_itmqty.  
\*        READ TABLE lt\_ekpo\_temp into DATA(ls\_ekpo\_temp) index sy-tabix.  
          IF ls\_t169g-xw2ja IS NOT INITIAL AND ls\_t169g-xp2ja IS INITIAL.  
            lv\_tollamt = ( lv\_pnetwr + ls\_t169g-wert2 ).  
            IF lv\_totalamt >  lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                          'Exceeds tolerance limit'  
                          INTO ls\_exception-zexceptionno  SEPARATED BY space.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ELSEIF ls\_t169g-xw2ja IS INITIAL AND ls\_t169g-xp2ja IS NOT INITIAL.  
            CLEAR lv\_tollamt .  
            lv\_tollamt = ( lv\_pnetwr \* ( 1 + ( ls\_t169g-proz2 / 100 ) ) ).  
            IF lv\_totalamt > lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                          'Exceeds tolerance limit'  
                          INTO ls\_exception-zexceptionno  SEPARATED BY space.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ELSEIF ls\_t169g-xw2ja IS NOT INITIAL AND ls\_t169g-xp2ja IS NOT INITIAL.  
            CLEAR lv\_tollamt.  
            lv\_tollamt = ( lv\_pnetwr \* ( 1 + ( ls\_t169g-proz2 / 100 ) ) ).  
            IF lv\_tollamt < ( lv\_pnetwr + ls\_t169g-wert2 ).  
              IF lv\_totalamt > lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
                ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                ls\_exception-zinvno                  = ls\_processed-zinvno.  
                ls\_exception-zdoctype               = 'ZPOM'.  
                CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                            'exceeds tolerance limit'  
                            INTO ls\_exception-zexceptionno  SEPARATED BY space.  
                ls\_exception-zexceptionstatus       = 'Scanned'.  
                ls\_exception-zmessagerasiedduring  = 'Exception'.  
                ls\_exception-zlastchecked           = sy-uzeit.  
                APPEND ls\_exception TO lt\_exception.  
                CLEAR ls\_exception.  
              ENDIF.  
            ELSE.  
              CLEAR lv\_tollamt.  
              lv\_tollamt = ( lv\_pnetwr + ls\_t169g-wert2 ).  
              IF lv\_totalamt > lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
                ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                ls\_exception-zinvno                  = ls\_processed-zinvno.  
                ls\_exception-zdoctype               = 'ZPOM'.  
                CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                            'Exceeds tolerance limit'  
                            INTO ls\_exception-zexceptionno  SEPARATED BY space.  
                ls\_exception-zexceptionstatus       = 'Scanned'.  
                ls\_exception-zmessagerasiedduring  = 'Exception'.  
                ls\_exception-zlastchecked           = sy-uzeit.  
                APPEND ls\_exception TO lt\_exception.  
                CLEAR ls\_exception.  
              ENDIF.  
            ENDIF.  
          ENDIF.  
  
\*-- Lower limit  
          IF ls\_t169g-xw1ja IS NOT INITIAL AND ls\_t169g-xp1ja IS INITIAL.  
            lv\_tollamt = ( lv\_pnetwr - ls\_t169g-wert1 ).  
            IF lv\_totalamt <  lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
\*            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Total amount' && ls\_processed-ZTOTALAMOUNT  
\*                                                         && 'exceeds tolerance limit'.  
              CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                          'less than lower tolerance limit'  
                          INTO ls\_exception-zexceptionno  SEPARATED BY space.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ELSEIF ls\_t169g-xw1ja IS INITIAL AND ls\_t169g-xp1ja IS NOT INITIAL.  
            CLEAR lv\_tollamt .  
            lv\_tollamt = ( lv\_pnetwr \* ( 1 - ( ls\_t169g-proz1 / 100 ) ) ).  
            IF lv\_totalamt < lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                          'less than lower tolerance limit'  
                          INTO ls\_exception-zexceptionno  SEPARATED BY space.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ELSEIF ls\_t169g-xw1ja IS NOT INITIAL AND ls\_t169g-xp1ja IS NOT INITIAL.  
            CLEAR lv\_tollamt.  
            lv\_tollamt = ( lv\_pnetwr \* ( 1 - ( ls\_t169g-proz1 / 100 ) ) ).  
            IF lv\_tollamt > ( lv\_pnetwr - ls\_t169g-wert1 ).  
              IF lv\_totalamt < lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
                ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                ls\_exception-zinvno                  = ls\_processed-zinvno.  
                ls\_exception-zdoctype               = 'ZPOM'.  
                CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                            'less than lower tolerance limit'  
                            INTO ls\_exception-zexceptionno  SEPARATED BY space.  
                ls\_exception-zexceptionstatus       = 'Scanned'.  
                ls\_exception-zmessagerasiedduring  = 'Exception'.  
                ls\_exception-zlastchecked           = sy-uzeit.  
                APPEND ls\_exception TO lt\_exception.  
                CLEAR ls\_exception.  
              ENDIF.  
            ELSE.  
              CLEAR lv\_tollamt.  
              lv\_tollamt = ( lv\_pnetwr - ls\_t169g-wert1 ).  
              IF lv\_totalamt < lv\_tollamt.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
                ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                ls\_exception-zinvno                  = ls\_processed-zinvno.  
                ls\_exception-zdoctype               = 'ZPOM'.  
                CONCATENATE 'E5.Item' ls\_processed-zitemindex ':' 'Total amount' ls\_processed-ztotalamount  
                            'less than lower tolerance limit'  
                            INTO ls\_exception-zexceptionno  SEPARATED BY space.  
                ls\_exception-zexceptionstatus       = 'Scanned'.  
                ls\_exception-zmessagerasiedduring  = 'Exception'.  
                ls\_exception-zlastchecked           = sy-uzeit.  
                APPEND ls\_exception TO lt\_exception.  
                CLEAR ls\_exception.  
              ENDIF.  
            ENDIF.  
          ENDIF.  
\*--  
        ENDIF.  
\*-- End of Change by SOSWAIN for price variance  
        IF lv\_itemfound EQ 'X'.  
  
\*----Assigning Item Number----\*  
          IF lv\_lines = 1.  
            ls\_processed-zitemno               = '00010'.  
          ELSE.  
            ls\_processed-zitemno               = ls\_ekpo-ebelp.  
          ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*----Assigning Tax Code----\*  
          IF ls\_processed-zitemtax IS INITIAL.  
\*          ls\_processed-ztaxcode = ls\_ekpo-mwskz."changing the code, tax code changed to item level  
            ls\_processed-zitemtax  = ls\_ekpo-mwskz.  
\*\*----Assigning Tax Jurisdiction----\*  
\*          ls\_processed-ztaxjursidiction = ls\_ekpo-txjcd.  
          ENDIF.  
          IF ls\_processed-ztaxjursidiction IS INITIAL.  
\*----Assigning Tax Jurisdiction----\*  
            ls\_processed-ztaxjursidiction = ls\_ekpo-txjcd.  
          ENDIF.  
\*----Assigning Auto Tax Indicator ----\*   added by parvathy 5/29  
\*\*\*  TAX value calculation \*\*\*  
  
\*-- Start of change by SOSWAIN  
          IF ls\_processed-zitemtax IS NOT INITIAL.  
            SELECT SINGLE \* FROM t007a INTO @DATA(ls\_t007a) WHERE kalsm = ( SELECT kalsm FROM t005  
                                                                            WHERE land1 = ( SELECT land1 FROM t001  
                                                                                            WHERE bukrs = @ls\_processed-zcompanycode ) )  
                                                              AND mwskz = @ls\_processed-zitemtax  
                                                              AND mwart = 'V'.  
            IF sy-subrc NE 0.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              CONCATENATE 'Item' ls\_processed-zitemindex ':' 'Tax code not available'  
                          INTO ls\_exception-zexceptionno  SEPARATED BY space.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ENDIF.  
\*-- End of change by SOSWAIN  
          lv\_i\_wrbtr = ( ls\_processed-ztotalamount + ( ( ls\_processed-ztotalamount \* ls\_processed-zinvfreightamt ) / lv\_net ) ).  
          CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
            EXPORTING  
              input  = ls\_processed-zcompanycode  
            IMPORTING  
              output = lv\_i\_bukrs.  
          CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
            EXPORTING  
              input  = ls\_processed-zitemtax  
            IMPORTING  
              output = lv\_i\_mwskz.  
          CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
            EXPORTING  
              input  = ls\_processed-ztaxjursidiction  
            IMPORTING  
              output = lv\_i\_txjcd.  
          CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
            EXPORTING  
              input  = ls\_processed-zcurrency  
            IMPORTING  
              output = lv\_i\_waers.  
\*           CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
\*           EXPORTING  
\*              input  = ls\_processed-ztotalamount  
\*            IMPORTING  
\*             output = LV\_I\_WRBTR.  
          CALL FUNCTION 'CONVERSION\_EXIT\_AU132\_INPUT'  
            EXPORTING  
              input  = lv\_i\_wrbtr  
\*             REFVAL =  
\*             CURRENCY       =  
            IMPORTING  
              output = lv\_i\_wrbtr.  
  
          CALL FUNCTION 'CALCULATE\_TAX\_FROM\_NET\_AMOUNT'  
            EXPORTING  
              i\_bukrs = lv\_i\_bukrs  
              i\_mwskz = lv\_i\_mwskz  
              i\_txjcd = lv\_i\_txjcd  
              i\_waers = lv\_i\_waers  
              i\_wrbtr = lv\_i\_wrbtr  
            TABLES  
              t\_mwdat = it\_t\_mwdat.  
  
          LOOP AT it\_t\_mwdat INTO wa\_t\_mwdat .  
            lv\_tax\_net = lv\_tax\_net + wa\_t\_mwdat-wmwst .  
          ENDLOOP.  
  
\*--------------------------------------------------------------------------------------------------------  
\*\*line item validation quanity\*  price = total amount  
\*--Start of addition by SOSWAIN  
  
          DATA: lv\_amount   TYPE mwsbp,  
                lv\_amount\_s TYPE string.  
  
          lv\_amount = ls\_processed-zunitprice \* ls\_processed-zitemqty.  
          MOVE lv\_amount TO lv\_amount\_s.  
  
          IF lv\_amount NE ls\_processed-ztotalamount.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            CONCATENATE 'Gross Amount of Item ' ls\_processed-zitemindex ':' 'does not match price ' ls\_processed-zunitprice  
                        'Qty value' ls\_processed-zitemqty  
                   INTO ls\_exception-zexceptionno  
           SEPARATED BY space.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
\*--End of addition by SOSWAIN  
\*\*net amount calculation and gross amount validation  
\*  
          lv\_add\_net = lv\_add\_net + ls\_processed-ztotalamount.  
  
          IF ls\_processed-zitemindex = lv\_main\_lines .  
\*\*\*if the tauto tax indicator is on, then cummulative value of tax amount per line item is pushed to total tax amount.  
            IF ls\_processed-zautocaltax = 'true'.  
              ls\_processed-ztotaltaxamt = lv\_tax\_net.  
            ENDIF.  
  
            ls\_processed-znetamount =  lv\_add\_net.  
            lv\_add\_gross = ls\_processed-znetamount + ls\_processed-zinvfreightamt + ls\_processed-ztotaltaxamt.  
            IF lv\_add\_gross NE ls\_processed-zgrossamount .  
\*----Gross Amount not equal to net amount + unplanned cost + tax----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Invoice Net amount ''''' && ls\_processed-zgrossamount && '''''does not match Invoice line item total amount''''' &&  lv\_add\_gross && ''''''.""changed the text from gross to net  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ENDIF.  
\*--------------------------------------------------------------------------------------------------------------  
  
  
  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*----PO Line Items Determination Check----\*  
          IF ls\_processed-zitemno IS INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'PO Line Items Not Determined'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
\*-- Start of change by SOSWAIN  
          ELSE.  
\*-- If PO is locked or deleted  
            READ TABLE lt\_ekpo INTO DATA(ls\_ekpo1) WITH KEY ebeln = ls\_processed-zpono ebelp = ls\_processed-zitemno.  
            IF sy-subrc = 0 AND ls\_ekpo1-loekz IS NOT INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'PO Line Items Not Determined'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
\*-- End of change by SOSWAIN  
          ENDIF.  
  
  
\*----PO Line Items Unit of Measure Check----\*  
          IF ls\_processed-zpounitofmeasure IS NOT INITIAL.  
            TRANSLATE ls\_processed-zpounitofmeasure TO UPPER CASE.  
  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zpounitofmeasure "unit of measure  
              IMPORTING  
                output = lv\_pouom.  
            SELECT   isocode ,mseh3  
            INTO TABLE @DATA(lt\_t006)  
            FROM t006 AS a INNER JOIN t006a AS b  
              ON a~msehi = b~msehi  
            WHERE  
             a~isocode = @lv\_pouom  
              OR  b~mseh3 = @lv\_pouom.  
            IF sy-subrc = 0.  
              SORT lt\_t006 BY isocode.  
              READ TABLE lt\_t006 INTO DATA(lv\_t006) WITH KEY isocode = lv\_pouom.  
              IF sy-subrc = 0.  
  
                CALL FUNCTION 'UNIT\_OF\_MEASURE\_ISO\_TO\_SAP' "TO CONVERT C16 TO LE  
                  EXPORTING  
                    iso\_code = lv\_pouom  
                  IMPORTING  
                    sap\_code = lv\_sap\_intuom.  
  
                CALL FUNCTION 'CONVERSION\_EXIT\_CUNIT\_OUTPUT' "TO CONVERT LE TO AU  
                  EXPORTING  
                    input    = lv\_sap\_intuom  
                    language = sy-langu  
                  IMPORTING  
                    output   = lv\_extra.  
              ELSE.  
                CALL FUNCTION 'CONVERSION\_EXIT\_CUNIT\_INPUT' "to convert from AU TO LE  
                  EXPORTING  
                    input    = lv\_pouom  
                    language = sy-langu  
                  IMPORTING  
                    output   = lv\_sap\_intuom.  
  
                CALL FUNCTION 'CONVERSION\_EXIT\_CUNIT\_OUTPUT' "to convert from LE to AU  
                  EXPORTING  
                    input    = lv\_sap\_intuom  
                    language = sy-langu  
                  IMPORTING  
                    output   = lv\_extra.  
              ENDIF.  
              ls\_processed-zpounitofmeasure      =  lv\_extra.  
              ls\_processed-zitemunit                = lv\_extra."  
            ELSE.  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Valid Unit Of Measure'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
            IF lv\_sap\_intuom NE ls\_ekpo-meins.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'E8.Item' && ls\_processed-zitemindex && ':' && 'Unit of Measure Mismatch'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
  
          ELSE.  
            CALL FUNCTION 'CONVERSION\_EXIT\_CUNIT\_OUTPUT' "TO CONVERT LE TO AU  
              EXPORTING  
                input    = ls\_ekpo-meins  
                language = sy-langu  
              IMPORTING  
                output   = ls\_ekpo-meins.  
  
            ls\_processed-zpounitofmeasure      =  ls\_ekpo-meins.  
            ls\_processed-zitemunit                = ls\_ekpo-meins.  
          ENDIF." Unit of Measure Initiality Check  
  
\*----2 Way Match / 3 Way Match Based PO Check----\*  
          IF ls\_ekpo-webre IS NOT INITIAL.  
\*----GR Based PO i.e. 3 Way Match Based PO----\*  
            IF lt\_total\_grir IS NOT INITIAL.  
              SORT lt\_total\_grir BY ebeln ebelp bewtp shkzg.  
              READ TABLE lt\_total\_grir INTO DATA(ls\_ekbe) WITH KEY ebeln = ls\_processed-zpono  
                                                                   ebelp = ls\_processed-zitemno  
                                                                   bewtp = 'E'  
                                                                   shkzg = 'S'  
                                                                   BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_menge\_e\_s = ls\_ekbe-menge.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
              READ TABLE lt\_total\_grir INTO ls\_ekbe WITH KEY ebeln = ls\_processed-zpono  
                                                             ebelp = ls\_processed-zitemno  
                                                             bewtp = 'E'  
                                                             shkzg = 'H'  
                                                             BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_menge\_e\_h = ls\_ekbe-menge.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
              READ TABLE lt\_total\_grir INTO ls\_ekbe WITH KEY ebeln = ls\_processed-zpono  
                                                             ebelp = ls\_processed-zitemno  
                                                             bewtp = 'Q'  
                                                             shkzg = 'S'  
                                                             BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_menge\_q\_s = ls\_ekbe-menge.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
              READ TABLE lt\_total\_grir INTO ls\_ekbe WITH KEY ebeln = ls\_processed-zpono  
                                                             ebelp = ls\_processed-zitemno  
                                                             bewtp = 'Q'  
                                                             shkzg = 'H'  
                                                             BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_menge\_q\_h = ls\_ekbe-menge.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
\*----Total IR Quantity----\*  
              lv\_menge\_q\_diff = lv\_menge\_q\_s - lv\_menge\_q\_h.  
  
\*----Total GR Quantity----\*  
              lv\_menge\_e\_diff = lv\_menge\_e\_s - lv\_menge\_e\_h.  
  
\*----Total Open Quantity----\*  
              lv\_menge\_open = lv\_menge\_e\_diff - lv\_menge\_q\_diff.  
  
              IF ls\_processed-zitemqty GT lv\_menge\_open.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
                lv\_counter = lv\_counter + 1.  
                ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                ls\_exception-zinvno                 = ls\_processed-zinvno.  
                ls\_exception-zindex                 = lv\_counter.  
                ls\_exception-zdoctype               = 'ZPOM'.  
                ls\_exception-zexceptionno           = 'E2.Item' && ls\_processed-zitemindex && ':' && '3 Way Match: GR Not Available'.  
                ls\_exception-zexceptionstatus       = 'Scanned'.  
                ls\_exception-zmessagerasiedduring   = 'Exception'.  
                ls\_exception-zlastchecked           = sy-uzeit.  
                APPEND ls\_exception TO lt\_exception.  
                CLEAR ls\_exception.  
              ENDIF.  
            ELSE.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*IF lt\_total\_grir IS INITIAL  
\*-------------------------\*  
\*----Counter----\*  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                 = ls\_processed-zinvno.  
              ls\_exception-zindex                 = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'E2.Item' && ls\_processed-zitemindex && ':' && '3 Way Match: GR Not Available'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring   = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ELSE.  
\*\*----IR Based PO i.e. 2 Way Match Based PO----\*  
\*\*\*only when the Unit of measure is AU or ISO Code is  
  
            IF  ls\_processed-zpounitofmeasure BETWEEN 'AU' AND 'C62'.  
              READ TABLE lt\_total\_grir INTO ls\_ekbe WITH KEY ebeln = ls\_processed-zpono  
                                                             ebelp = ls\_processed-zitemno  
                                                             bewtp = 'Q'  
                                                             shkzg = 'S'  
                                                             BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_wrbtr\_q\_s = ls\_ekbe-wrbtr.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
  
              READ TABLE lt\_total\_grir INTO ls\_ekbe WITH KEY ebeln = ls\_processed-zpono  
                                                             ebelp = ls\_processed-zitemno  
                                                             bewtp = 'Q'  
                                                             shkzg = 'H'  
                                                             BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_wrbtr\_q\_h = ls\_ekbe-wrbtr.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
\*----Total IR Amount----\*  
              lv\_wrbtr\_q\_diff = lv\_wrbtr\_q\_s - lv\_wrbtr\_q\_h.  
  
\*----Total Open Amount----\*  
              lv\_wrbtr\_open = ls\_ekpo-netwr - lv\_wrbtr\_q\_diff.  
  
              IF ls\_processed-zunitprice GT lv\_wrbtr\_open."changed from ls\_processed-zitemprice to ls\_processed-zunitprice  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
                lv\_counter = lv\_counter + 1.  
                ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                ls\_exception-zinvno                 = ls\_processed-zinvno.  
                ls\_exception-zindex                 = lv\_counter.  
                ls\_exception-zdoctype               = 'ZPOM'.  
                ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Insufficient Amount Remaining in PO'.  
                ls\_exception-zexceptionstatus       = 'Scanned'.  
                ls\_exception-zmessagerasiedduring   = 'Exception'.  
                ls\_exception-zlastchecked           = sy-uzeit.  
                APPEND ls\_exception TO lt\_exception.  
                CLEAR ls\_exception.  
              ENDIF.  
  
            ELSE.  
              READ TABLE lt\_total\_grir INTO ls\_ekbe WITH KEY ebeln = ls\_processed-zpono  
                                                             ebelp = ls\_processed-zitemno  
                                                             bewtp = 'Q'  
                                                             shkzg = 'S'  
                                                             BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_menge\_q\_s = ls\_ekbe-menge.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
              READ TABLE lt\_total\_grir INTO ls\_ekbe WITH KEY ebeln = ls\_processed-zpono  
                                                             ebelp = ls\_processed-zitemno  
                                                             bewtp = 'Q'  
                                                             shkzg = 'H'  
                                                             BINARY SEARCH.  
              IF sy-subrc EQ 0.  
                lv\_menge\_q\_h = ls\_ekbe-menge.  
              ENDIF.  
              CLEAR ls\_ekbe.  
  
\*----Total IR Quantity----\*  
              lv\_menge\_q\_diff = lv\_menge\_q\_s - lv\_menge\_q\_h.  
  
\*----Total Open Quantity----\*  
              lv\_menge\_open = ls\_ekpo-menge - lv\_menge\_q\_diff.  
  
  
              IF ls\_processed-zitemqty GT lv\_menge\_open.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
                lv\_counter = lv\_counter + 1.  
                ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                ls\_exception-zinvno                 = ls\_processed-zinvno.  
                ls\_exception-zindex                 = lv\_counter.  
                ls\_exception-zdoctype               = 'ZPOM'.  
\*Changed the excepion statement based on comment from the FC "  
\*                   ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && '2 Way Match: Insufficient Quantity in PO'.  
                ls\_exception-zexceptionno           = 'E4.Item' && ls\_processed-zitemindex && ':' && 'Insufficient Quantity in PO'.  
                ls\_exception-zexceptionstatus       = 'Scanned'.  
                ls\_exception-zmessagerasiedduring   = 'Exception'.  
                ls\_exception-zlastchecked           = sy-uzeit.  
                APPEND ls\_exception TO lt\_exception.  
                CLEAR ls\_exception.  
              ENDIF.  
            ENDIF.  
          ENDIF." LS\_EKPO-WEBRE Check.  
  
        ELSE.  
\*----No Match found against EKPO table for the incoming Material----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'PO Line Items Not Determined'.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF." LV\_ITEMFOUND Check  
\*        ADDED BY PARVATHY  
        CLEAR lv\_itemfound.  
  
\*----Determining Payment Block LFB1 comparing EKKO Data----\*  
        SELECT SINGLE zahls  
          INTO @DATA(lv\_zahls)  
          FROM lfb1  
          WHERE lifnr = @ls\_ekko-lifnr  
          AND   bukrs = @ls\_ekko-bukrs.  
  
\*----Assigining Payment Block----\*  
        ls\_processed-zpaymentblock        = lv\_zahls.  
  
\*----Assigning Bank Partner Type----\*  
        SELECT SINGLE banks,bankl, bankn,bvtyp  
          INTO @DATA(ls\_lfbk)  
          FROM lfbk  
          WHERE lifnr = @ls\_processed-zsuppliername2. "@ls\_ekko-lifnr."bank details fetched based on the remit supplier id  
  
        IF sy-subrc EQ 0.  
\*----Assigning Bank Account----\*  
          ls\_processed-zbankacc             = ls\_lfbk-bankn.  
  
\*----Assigning Bank Key----\*  
          ls\_processed-zbankno              = ls\_lfbk-bankl.  
  
\*----Assigning Bank Partner Type----\*  
          ls\_processed-zbankpartnertype     = ls\_lfbk-bvtyp.  
  
          SELECT SINGLE banka,stras  
            INTO @DATA(ls\_bnka)  
            FROM bnka  
            WHERE banks = @ls\_lfbk-banks  
            AND   bankl = @ls\_lfbk-bankl.  
          IF sy-subrc EQ 0.  
\*----Assigning Bank Name----\*  
            ls\_processed-zbankname              = ls\_bnka-banka.  
          ENDIF.  
  
        ENDIF.  
\*Changed By - Parvathy Gireendran  
\*Date Changed - 4/24/2019  
\*Transport Request No - DEDK900230  
\*Reason for change - New logic added to FS , Payment term was not a dervided term before.Current code is to get the value of payment dervived.  
\*1. get the value from the invoice which is scanned.  
\*2. Based on that value dervive the values of other fields like  
\*3. then check whether this value is equal to the value in EKKO-ZTERMS ,ie the payment term associated with the respective PO.  
\*4. If no , then send exception message.  
\*5.If yes, then pass on the derived values back to the UI  
\*6. If no value is extracted from the invoice then fetch the value from  EKKO-ZTERMS for the the corresponding PO.  
\*\*start of commenting the code below from 673 to 686  
\*\*----Determining Payment Terms based on LFM1----\*  
\*        SELECT SINGLE zterm  
\*          INTO @DATA(lv\_zterm)  
\*          FROM lfm1  
\*          WHERE lifnr = @ls\_ekko-lifnr  
\*          AND   ekorg = @ls\_ekko-ekorg.  
\*  
\*\*----Assigning Payment Terms----\*  
\*        ls\_processed-zpaymentterm         = lv\_zterm.  
\*  
\*\*----Determining Day1,Day2,Day3,Disc1,Disc2 based on T052 using ZTERM----\*  
\*        SELECT SINGLE zterm,ztagg,ztag1,zprz1,ztag2,zprz2,ztag3  
\*          INTO @DATA(ls\_t052)  
\*          FROM t052  
\*          WHERE zterm = @lv\_zterm.  
\*\*end of commenting the code below from 673 to 686  
\*\*Start of New code added 4/24/2019  
        DATA: lv\_zterm TYPE t052-zterm.  
\*    CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
\*            EXPORTING  
\*              input  = ls\_processed-zpaymentterm  
\*            IMPORTING  
\*              output = lv\_zpaymentterm.  
        IF ls\_processed-zbilltoemail IS INITIAL.  
          IF    ls\_processed-zpaymentterm IS  INITIAL .  
\*\*\*Raise Exception\*\*\*  
\*\*\*counter\*\*\*  
            CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Payment Terms'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ELSE.  
            SELECT SINGLE vtext,zterm  
              INTO @DATA(ls\_tvzbt)  
              FROM tvzbt  
              WHERE vtext = @ls\_processed-zpaymentterm  
              AND spras = 'E'.  
  
            IF sy-subrc = 0.  
              ls\_processed-zbilltoemail =         ls\_tvzbt-zterm.  
              SELECT SINGLE zterm ,ztagg,ztag1,zprz1,ztag2,zprz2,ztag3  
                 INTO @DATA(ls\_t052)  
                 FROM t052  
                 WHERE zterm = @ls\_tvzbt-zterm.  
  
              IF sy-subrc = 0.  
                ls\_processed-zbilltoemail =         ls\_t052-zterm.  
                lv\_zterm = ls\_t052-zterm."parvathy , remove this after making changes in date fetching in the below code , fm fi\_\*\*  
                ls\_processed-zday1                 = ls\_t052-ztag1. "day1  
                ls\_processed-zday2                 = ls\_t052-ztag2. "day2  
                ls\_processed-zday3                 = ls\_t052-ztag3. "day3  
                ls\_processed-zdisc1                = ls\_t052-zprz1. "disk1  
                ls\_processed-zdisc2                = ls\_t052-zprz2. "disk2  
              ENDIF.  
  
            ELSE.  
              CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Payment Terms'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ENDIF.  
        ELSE.  
  
          CONDENSE ls\_processed-zbilltoemail NO-GAPS."payment term key = zbilltoemail  
          TRANSLATE ls\_processed-zpaymentterm TO UPPER CASE.  
          lv\_length\_zterm = cl\_abap\_list\_utilities=>dynamic\_output\_length( ls\_processed-zbilltoemail ).  
          IF lv\_length\_zterm GT 4.  
            CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Payment Term doesnot exist in S4'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
  
          ELSE."when payment term key field has value  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zbilltoemail "payment term key  
              IMPORTING  
                output = lv\_zpaymentterm. "payment term key  
  
            SELECT SINGLE vtext , zterm  
            INTO @DATA(ls\_po\_tvzbt)  
            FROM tvzbt  
            WHERE zterm = @lv\_zpaymentterm  
            AND spras = 'E'.  
  
            IF sy-subrc = 0.  
              ls\_processed-zpaymentterm = ls\_po\_tvzbt-vtext.  
            ENDIF.  
  
            SELECT SINGLE zterm,ztagg,ztag1,zprz1,ztag2,zprz2,ztag3  
            INTO @DATA(ls\_t052s)  
            FROM t052  
            WHERE zterm = @lv\_zpaymentterm.  
            IF sy-subrc = 0.  
              lv\_zterm = ls\_t052s-zterm."remove this Parvathy see comment above  
              ls\_processed-zbilltoemail          = ls\_t052s-zterm.  
              ls\_processed-zday1                 = ls\_t052s-ztag1.  
              ls\_processed-zday2                 = ls\_t052s-ztag2.  
              ls\_processed-zday3                 = ls\_t052s-ztag3.  
              ls\_processed-zdisc1                = ls\_t052s-zprz1.  
              ls\_processed-zdisc2                = ls\_t052s-zprz2.  
            ENDIF.  
          ENDIF.  
        ENDIF.  
        IF ls\_ekko-zterm NE ls\_processed-zbilltoemail.  
\*----Raise EXCEPTION----\*  
\*----Counter----\*  
          CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'E3.Item' && ls\_processed-zitemindex && ':' && 'Payment Term Mismatch, S4 payment '.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*Baseline date calculation  
        SPLIT ls\_processed-zdocdate AT '-' INTO lv\_year lv\_month lv\_day.  
        lv\_len\_month = cl\_abap\_list\_utilities=>dynamic\_output\_length( lv\_month ).  
  
        lv\_len\_day = cl\_abap\_list\_utilities=>dynamic\_output\_length( lv\_day ).  
  
        IF lv\_len\_day = 1.  
          CONCATENATE '0' lv\_day  INTO lv\_day.  
        ENDIF.  
        IF lv\_len\_month = 1.  
          CONCATENATE '0' lv\_month  INTO lv\_month.  
        ENDIF.  
  
  
\*   IF ls\_processed-zbaselinedate+4(1) = '-'. converting the format yyyy-mm-dd yyyy-m-dd to mm/dd/yyyy  
        CONCATENATE lv\_year lv\_month lv\_day INTO ex\_baseline\_input." SEPARATED BY SLASH .  
  
\*  
\*\*  
\*\*\*----Determining the Baseline Date using FM----\*  
        CALL FUNCTION 'FI\_FIND\_PAYMENT\_CONDITIONS'  
          EXPORTING  
            i\_zterm = lv\_zterm  
            i\_bldat = ex\_baseline\_input  
            i\_budat = ex\_baseline\_input  
\*           I\_LIFNR =  
\*           I\_BUKRS =  
          IMPORTING  
            e\_zfbdt = lv\_zfbdt. "mm/dd/2019  
        IF sy-subrc <> 0.  
  
        ENDIF.  
  
  
        CONCATENATE  lv\_zfbdt(4) lv\_zfbdt+4(2) lv\_zfbdt+6(2) INTO ex\_baseline\_output SEPARATED BY c\_dash .  
\*---Assigning Baseline Date----\*  
        ls\_processed-zbaselinedate        = ex\_baseline\_output ."ls\_processed-zdocdate ."CHANGED TO FROM lv\_zfbdt.  
  
\*---Assigning Due on Date----\*  
        ls\_processed-zdueon               = ex\_baseline\_output."ls\_processed-zdocdate.  
\*--------------------------------------------------------------------------------------------------------  
\*\*line item validation quanity\*  price = total amount  
\*--Start of addition by SOSWAIN  
  
\*    DATA: lv\_amount type MWSBP,  
\*          lv\_amount\_s type string.  
\*  
\*    lv\_amount = ls\_processed-zunitprice \* ls\_processed-zitemqty.  
\*    move lv\_amount to lv\_amount\_s.  
\*  
\*    IF lv\_amount NE ls\_processed-ztotalamount.  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*.  
\*       ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*       ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*       ls\_exception-zdoctype               = 'ZPOM'.  
\*       CONCATENATE 'Item' ls\_processed-zitemindex ':' 'Gross amount' lv\_amount\_s  
\*                   'does not match invoice line item total amount' ls\_processed-ztotalamount  
\*              into ls\_exception-zexceptionno  
\*      SEPARATED BY space.  
\*       ls\_exception-zexceptionstatus       = 'Scanned'.  
\*       ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*       ls\_exception-zlastchecked           = sy-uzeit.  
\*       APPEND ls\_exception TO lt\_exception.  
\*       CLEAR ls\_exception.  
\*     ENDIF.  
\*\*--End of addition by SOSWAIN  
\*\*\*net amount calculation and gross amount validation  
\*\*  
\*       lv\_add\_net = lv\_add\_net + ls\_processed-ztotalamount.  
\*  
\*        if ls\_processed-zitemindex = lv\_main\_lines .  
\*  
\*        ls\_processed-znetamount =  lv\_add\_net.  
\*        lv\_add\_gross = ls\_processed-znetamount + ls\_processed-zinvfreightamt + ls\_processed-ztotaltaxamt.  
\*        if lv\_add\_gross ne ls\_processed-zgrossamount .  
\*\*----Gross Amount not equal to net amount + unplanned cost + tax----\*  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*            ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*            ls\_exception-zdoctype               = 'ZPOM'.  
\*            ls\_exception-zexceptionno           = 'Invoice Gross amount ''''' && ls\_processed-zgrossamount && '''''does not match Invoice line item total amount''''' &&  lv\_add\_gross && ''''''.  
\*            ls\_exception-zexceptionstatus       = 'Scanned'.  
\*            ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*            ls\_exception-zlastchecked           = sy-uzeit.  
\*            APPEND ls\_exception TO lt\_exception.  
\*            CLEAR ls\_exception.  
\*        endif.  
\*        endif.  
\*--------------------------------------------------------------------------------------------------------------  
        DATA: lv\_excpmsg TYPE string.  
  
        IF ls\_processed-zpono IS INITIAL.  
          DATA(lv\_desc\_po) = 'PO Num'.  
          CONCATENATE lv\_excpmsg lv\_desc\_po INTO lv\_excpmsg.  
        ENDIF.  
  
        IF ls\_processed-zvendorno IS INITIAL.  
          DATA(lv\_desc\_vendor) = 'Vendor'.  
          IF lv\_excpmsg IS NOT INITIAL.  
            CONCATENATE lv\_excpmsg lv\_desc\_vendor INTO lv\_excpmsg SEPARATED BY '/'.  
          ELSE.  
            CONCATENATE lv\_excpmsg lv\_desc\_vendor INTO lv\_excpmsg.  
          ENDIF.  
  
        ENDIF.  
  
        IF ls\_processed-zcompanycode IS INITIAL.  
          DATA(lv\_desc\_cc) = 'Company Code'.  
          IF lv\_excpmsg IS NOT INITIAL.  
            CONCATENATE lv\_excpmsg lv\_desc\_cc INTO lv\_excpmsg SEPARATED BY '/'.  
          ELSE.  
            CONCATENATE lv\_excpmsg lv\_desc\_cc INTO lv\_excpmsg.  
          ENDIF.  
        ENDIF.  
  
        IF ls\_processed-zinvno IS INITIAL.  
          DATA(lv\_desc\_invno) = 'Invoice Num'.  
          IF lv\_excpmsg IS NOT INITIAL.  
            CONCATENATE lv\_excpmsg lv\_desc\_invno INTO lv\_excpmsg SEPARATED BY '/'.  
          ELSE.  
            CONCATENATE lv\_excpmsg lv\_desc\_invno INTO lv\_excpmsg.  
          ENDIF.  
        ENDIF.  
  
        IF ls\_processed-zinvdate IS INITIAL.  
          DATA(lv\_desc\_invdt) = 'Invoice Date'.  
          IF lv\_excpmsg IS NOT INITIAL.  
            CONCATENATE lv\_excpmsg lv\_desc\_invdt INTO lv\_excpmsg SEPARATED BY '/'.  
          ELSE.  
            CONCATENATE lv\_excpmsg lv\_desc\_invdt INTO lv\_excpmsg.  
          ENDIF.  
        ENDIF.  
  
        IF ls\_processed-zgrossamount IS INITIAL.  
          DATA(lv\_desc\_amt) = 'Net Amt'."Changed from Gross to net  
          IF lv\_excpmsg IS NOT INITIAL.  
            CONCATENATE lv\_excpmsg lv\_desc\_amt INTO lv\_excpmsg SEPARATED BY '/'.  
          ELSE.  
            CONCATENATE lv\_excpmsg lv\_desc\_amt INTO lv\_excpmsg.  
          ENDIF.  
        ENDIF.  
  
        IF ls\_processed-zcurrency IS INITIAL.  
          DATA(lv\_desc\_curr) = 'Currency'.  
          IF lv\_excpmsg IS NOT INITIAL.  
            CONCATENATE lv\_excpmsg lv\_desc\_curr INTO lv\_excpmsg SEPARATED BY '/'.  
          ELSE.  
            CONCATENATE lv\_excpmsg lv\_desc\_curr INTO lv\_excpmsg.  
          ENDIF.  
        ENDIF.  
  
        IF ls\_processed-zdocdate IS INITIAL.  
          DATA(lv\_desc\_docdate) = 'Document Date'.  
          IF lv\_excpmsg IS NOT INITIAL.  
            CONCATENATE lv\_excpmsg lv\_desc\_docdate INTO lv\_excpmsg SEPARATED BY '/'.  
          ELSE.  
            CONCATENATE lv\_excpmsg lv\_desc\_docdate INTO lv\_excpmsg.  
          ENDIF.  
        ENDIF.  
  
\*----Mandatory Information Check----\*  
        IF ls\_processed-zpono        IS INITIAL OR  
           ls\_processed-zinvno        IS INITIAL OR  
           ls\_processed-zinvdate      IS INITIAL OR  
           ls\_processed-zdocdate      IS INITIAL OR  
           ls\_processed-zgrossamount IS INITIAL OR  
           ls\_processed-zcurrency     IS INITIAL OR  
           ls\_processed-zcompanycode IS INITIAL OR  
           ls\_processed-zvendorno    IS INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Missing Mandatory Information-' && lv\_excpmsg.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
\*\*\*\*\*    ls\_processed-zacc\_assign\_based\_inv For Non PO Scenario Cost Centre, Internal Order, WBS  
  
\*----Tax Code Determination Check----\*  
        IF ls\_ekpo-mwskz IS INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Tax Code not Available'.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
  
        APPEND ls\_processed TO lt\_processed.  
        SORT lt\_processed BY zimagefingerprint zinvno zitemindex.  
  
\*\*\*\*\*      MODIFY zocr\_processed FROM ls\_processed.  
        CLEAR: ls\_processed, ls\_processed, ls\_ekpo,  
                     ls\_lfbk,    ls\_t052,  
               lv\_menge\_q\_h, lv\_menge\_q\_s, lv\_menge\_q\_diff,  
               lv\_menge\_e\_h, lv\_menge\_e\_s, lv\_menge\_e\_diff,  
               lv\_menge\_open,  
\*\*\*added by parvathy 5/14  
  
               lv\_zpaymentterm,  
               lv\_zcompanycode,  
               lv\_itemcode,  
               lv\_zbilltocompany.  
        CLEAR :lv\_year,lv\_month,lv\_day,ex\_baseline\_input,ex\_baseline\_output,lv\_zterm,lv\_zfbdt,lv\_len\_day,lv\_len\_month."baseline date  
        CLEAR:lv\_wrbtr\_q\_s,lv\_wrbtr\_q\_h,lv\_wrbtr\_q\_diff,lv\_wrbtr\_open."open quantity amount  
        CLEAR:lv\_sap\_intuom,lv\_extra,lv\_isotosap,lv\_pouom."unit of measure  
        CLEAR:lv\_i\_bukrs,lv\_i\_mwskz,lv\_i\_txjcd,lv\_i\_waers,lv\_i\_wrbtr."tax local variables  
  
  
  
        FREE lt\_desc.  
  
        et\_output[] = lt\_processed[].  
  
\*--------------------------------------------------------------------------\*  
\*----Fields to be LEFT As BLANK As No Logic Provided----\*  
\*--------------------------------------------------------------------------\*  
\*\*\*\*\*    ls\_processed-ztax\_jursidiction       'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zhouse\_bank             'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zhouse\_bank\_accid       'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zpayment\_method\_supp    'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zwht                    'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zunplanned\_delivery\_cost'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zinst\_key               'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zdirect\_post\_gl         'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zdirect\_post\_material   'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zpayment\_method         'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zstatus                 'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-ztime\_stamp             'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zlast\_user              'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zcurrent\_user           'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zlast\_updated\_time\_stamp'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zposted\_inv\_numbers     'No Logic, To be left BLANK'  
\*\*\*\*\*    ls\_processed-zlast\_role              'No Logic, To be left BLANK'  
      ENDLOOP.  
  
\*----Update the ZOCR\_EXCEPTION Table----\*  
\*\*\*\*    MODIFY zocr\_exception FROM TABLE lt\_exception.  
\*\*\*\*    IF sy-subrc EQ 0.  
\*\*\*\*      ex\_update\_successful = 'X'.  
\*\*\*\*    ELSE.  
\*\*\*\*      ex\_update\_failed = 'X'.  
\*\*\*\*    ENDIF.  
\*\*\*\*    CLEAR: lv\_counter, lv\_lines,ls\_ekko.  
\*\*\*\*  
\*\*\*\*    IF lt\_exception IS INITIAL.  
\*\*\*\*      ex\_posting\_allowed = 'X'.  
\*\*\*\*  
\*\*\*\*    ELSE.  
\*\*\*\*      ex\_posting\_allowed = ' '.  
\*\*\*\*    ENDIF.  
      et\_exception[]     = lt\_exception[].  
  
    ELSE.  
\*\*\*\*\*-----------------------------------------------------------------------------\*  
\*\*\*\*\*-----------------------------------------------------------------------------\*  
\*\*\*\*\*-------------------------------NON PO Scenario-------------------------------\*  
\*\*\*\*\*-----------------------------------------------------------------------------\*  
\*\*\*\*\*-----------------------------------------------------------------------------\*  
  
      LOOP AT it\_processed INTO ls\_processed.  
\*--------------------------------------------------------------------------\*  
\*----AS-IS fields from Table ZOCR\_EXTRACT to Table ZOCR\_PROCESSED----\*  
\*--------------------------------------------------------------------------\*  
        ls\_processed-zimagefingerprint    = ls\_processed-zimagefingerprint.  
        ls\_processed-zinvno                = ls\_processed-zinvno.  
        ls\_processed-zitemindex            = ls\_processed-zitemindex.  
\*changed by Parvathy 5/15  
\*       ls\_processed-zdocdate             = ls\_processed-zinvdate.  
        ls\_processed-zdocdate             = ls\_processed-zdocdate.  
        ls\_processed-zinvdate              = ls\_processed-zinvdate.  
        ls\_processed-zpostingdate         = sy-datum.  
        ls\_processed-zpono                = ls\_processed-zpono.  
        ls\_processed-zinvoicecategory     = ls\_processed-zinvoicecategory.  
        ls\_processed-zshiptoaddress1       = ls\_processed-zshiptoaddress1.  
        ls\_processed-zshiptoaddress2       = ls\_processed-zshiptoaddress2.  
        ls\_processed-zbilltocompany        = ls\_processed-zbilltocompany.  
        ls\_processed-zbilltoname           = ls\_processed-zbilltoname.  
        ls\_processed-zbilltophone          = ls\_processed-zbilltophone.  
        ls\_processed-zbilltoaddr1          = ls\_processed-zbilltoaddr1.  
        ls\_processed-zbilltoaddr2          = ls\_processed-zbilltoaddr2.  
        ls\_processed-zbilltocountry        = ls\_processed-zbilltocountry.  
        ls\_processed-zbilltovat            = ls\_processed-zbilltovat.  
        ls\_processed-zbilltoemail          = ls\_processed-zbilltoemail.  
        ls\_processed-zreminame             = ls\_processed-zreminame.  
        ls\_processed-zremittoaddr1         = ls\_processed-zremittoaddr1.  
        ls\_processed-zremittoaddr2         = ls\_processed-zremittoaddr2.  
        ls\_processed-zremittopin           = ls\_processed-zremittopin.  
        ls\_processed-zremittostreet        = ls\_processed-zremittostreet.  
        ls\_processed-zremittovat           = ls\_processed-zremittovat.  
        ls\_processed-zremittoemail       = ls\_processed-zremittoemail.  
        ls\_processed-zremittophone       = ls\_processed-zremittophone.  
        ls\_processed-zsuppliernumber      = ls\_processed-zsuppliernumber.  
        ls\_processed-zsuppliername        = ls\_processed-zsuppliername.  
        ls\_processed-zsuppliername2       = ls\_processed-zsuppliername2.  
        ls\_processed-zsupplierpobox      = ls\_processed-zsupplierpobox.  
        ls\_processed-zsupplierpoboxzip  = ls\_processed-zsupplierpoboxzip.  
        ls\_processed-zsupplierstreet      = ls\_processed-zsupplierstate.  
        ls\_processed-zsupplierstate       = ls\_processed-zsupplierstate.  
        ls\_processed-zsupplierzip         = ls\_processed-zsupplierzip.  
        ls\_processed-zcompanycode         = ls\_processed-zcompanycode.  
\*\*\*parvathy commented 5/3/2019  
\*        REPLACE 'OO' IN ls\_processed-zcompanycode WITH '00'.  
        ls\_processed-zgrossamount         = ls\_processed-zgrossamount.  
        ls\_processed-znetamount           = ls\_processed-znetamount.  
        ls\_processed-zterms                = ls\_processed-zterms.  
        ls\_processed-zdueon               = ls\_processed-zdueon.  
        IF ls\_processed-zcurrency = '$'.  
          ls\_processed-zcurrency             = 'USD'."ls\_processed-zcurrency.  
        ELSE.  
          ls\_processed-zcurrency             = ls\_processed-zcurrency.  
        ENDIF.  
        ls\_processed-zrate                 = ls\_processed-zrate.  
        ls\_processed-ziban                 = ls\_processed-ziban.  
        ls\_processed-zswift                = ls\_processed-zswift.  
        ls\_processed-ztotaltax            = ls\_processed-ztotaltax.  
\*    ls\_processed-zitemno               = ls\_processed-zitemno.  
        ls\_processed-zitemdesc            = ls\_processed-zitemdesc.  
        ls\_processed-zitemprice            = ls\_processed-zitemprice.  
        ls\_processed-zitemqty              = ls\_processed-zitemqty.  
        ls\_processed-zitemtax              = ls\_processed-zitemtax.  
        ls\_processed-zitemunit             = ls\_processed-zitemunit.  
        ls\_processed-zitemqtyship          = ls\_processed-zitemqtyship.  
        ls\_processed-zunitprice           = ls\_processed-zunitprice.  
        ls\_processed-ztotalamount          = ls\_processed-ztotalamount.  
        ls\_processed-zpgidate              = ls\_processed-zpgidate.  
        ls\_processed-zinvtype             = ls\_processed-zinvtype.  
        ls\_processed-zheadertext          = ls\_processed-zheadertext.  
        ls\_processed-zautocaltax          = ls\_processed-zautocaltax."abap\_true. "X  
        ls\_processed-ztotaltax        = ls\_processed-ztotaltax.  
        ls\_processed-zexchangerate        = ls\_processed-zrate.  
        ls\_processed-zvatamount           = ls\_processed-zvatamount.  
        ls\_processed-zvatamount1         = ls\_processed-zvatamount1.  
        ls\_processed-zvatamount2         = ls\_processed-zvatamount2.  
        ls\_processed-zvatamount3         = ls\_processed-zvatamount3.  
        ls\_processed-zvatamount4         = ls\_processed-zvatamount4.  
        ls\_processed-zvatrate             = ls\_processed-zvatrate.  
        ls\_processed-zvatrate1           = ls\_processed-zvatrate1.  
        ls\_processed-zvatrate2           = ls\_processed-zvatrate2.  
        ls\_processed-zvatrate3           = ls\_processed-zvatrate3.  
        ls\_processed-zvatrate4           = ls\_processed-zvatrate4.  
        ls\_processed-zvatid               = ls\_processed-zvatid.  
        ls\_processed-zvatid1              = ls\_processed-zvatid1.  
        ls\_processed-zvatid2              = ls\_processed-zvatid2.  
        ls\_processed-zvatid3              = ls\_processed-zvatid3.  
        ls\_processed-zvatid4              = ls\_processed-zvatid4.  
        ls\_processed-zreqemil              = ls\_processed-zreqemil.  
        ls\_processed-zdeliverynote         = ls\_processed-zdeliverynote.  
        ls\_processed-zinvfreightamt        = ls\_processed-zinvfreightamt.  
        ls\_processed-zinvhandlingcharges   = ls\_processed-zinvhandlingcharges.  
        ls\_processed-zdocitmininvdoc       = ls\_processed-zdocitmininvdoc.  
        ls\_processed-zitemnopurchingdoc  = ls\_processed-zitemnopurchingdoc.  
        ls\_processed-zpounitofmeasure   = ls\_processed-zpounitofmeasure.  
        ls\_processed-zitemqty              = ls\_processed-zitemqty.  
        ls\_processed-zamtdoccurr         = ls\_processed-zamtdoccurr.  
        ls\_processed-zitemdesc            = ls\_processed-zitemdesc.  
        ls\_processed-zunitprice           = ls\_processed-zunitprice.  
        ls\_processed-zitemtaxamt         = ls\_processed-zitemtax.  
        ls\_processed-zitemtaxrate        = ls\_processed-zitemtaxrate.  
        ls\_processed-zdeliverynotenumber = ls\_processed-zdeliverynotenumber.  
        ls\_processed-zbankno              = ls\_processed-zbankno.  
        ls\_processed-zbankacc             = ls\_processed-zbankacc.  
        ls\_processed-zglaccount                 = ls\_processed-zglaccount.  
        ls\_processed-zgldescription             = ls\_processed-zgldescription.  
        ls\_processed-zcostcenter                = ls\_processed-zcostcenter.  
        ls\_processed-zcostcenterdescription    = ls\_processed-zcostcenterdescription.  
        ls\_processed-zwbs                        = ls\_processed-zwbs.  
        ls\_processed-zwbsdescription            = ls\_processed-zwbsdescription.  
        ls\_processed-zinternalorder             = ls\_processed-zinternalorder.  
        ls\_processed-zinternalorderdescription = ls\_processed-zinternalorderdescription.  
        ls\_processed-zasset                      = ls\_processed-zasset.  
        ls\_processed-zassetdescription          = ls\_processed-zassetdescription.  
  
\*------------------------------------------------------------------------------------\*  
\*----Derived Fields based on Logic provided in FS and incoming ZOCR\_EXTRACT Data---\*  
\*------------------------------------------------------------------------------------\*  
  
\*----Document Category----\*  
        ls\_processed-zdoctype               = 'ZNPO'.  
\*Changed By - Parvathy Gireendran  
\*Date Changed - 5/14/2019  
\*Transport Request No - DEDK900230  
\*Reason for change - New logic added to FS for Company code logic and exception creation.  
        IF ls\_processed-zcompanycode IS INITIAL .  
          IF ls\_processed-zbilltocompany IS NOT INITIAL.  
  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zbilltocompany  
              IMPORTING  
                output = lv\_zbilltocompany.  
            SELECT  SINGLE butxt , bukrs , adrnr INTO @DATA(ls\_nonpo\_t001) FROM t001 WHERE butxt = @lv\_zbilltocompany. " Change by SOSWAIN on 29/05/2019  
  
            IF sy-subrc = 0.  
  
\*----Company Code for PO Invoices EKKO based----\*  
              ls\_processed-zcompanycode          = ls\_nonpo\_t001-bukrs.  
            ELSE.  
\*----Company Code  Not Found Check----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Company Code Not Found'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ELSE.  
\*----Company Code Cannot be determined Not Found Check----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Company Code cannot be determined since no Bill to Company name'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ELSE.  
          CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
            EXPORTING  
              input  = ls\_processed-zcompanycode  
            IMPORTING  
              output = lv\_zcompanycode.  
          TRANSLATE lv\_zcompanycode TO UPPER CASE.  
          SELECT SINGLE butxt, bukrs , adrnr INTO @DATA(ls\_nonpo\_t001s) FROM t001 WHERE bukrs = @lv\_zcompanycode. " Change by SOSWAIN on 29/05/2019  
          IF sy-subrc = 0 .  
            ls\_processed-zcompanycode          = ls\_nonpo\_t001s-bukrs.  
            ls\_processed-zbilltocompany          = ls\_nonpo\_t001s-butxt.  
  
          ELSE.  
\*----Company Code  Not Found Check----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Company Code Entered is Not Found'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ENDIF.  
\*\*\*\*end of new logic added for company code on 5/14/2019  
\*--Start of addition by SOSWAIN for Bill to party address  
\*      DATA: lv\_adrnr type adrnr.  
        CLEAR lv\_adrnr.  
        IF ls\_nonpo\_t001s IS NOT INITIAL.  
          lv\_adrnr = ls\_nonpo\_t001s-adrnr.  
        ELSE.  
          lv\_adrnr = ls\_nonpo\_t001-adrnr.  
        ENDIF.  
        SELECT SINGLE name1,city1,post\_code1,street,house\_num1,country,region  
          FROM adrc  
          INTO @ls\_adrc  
          WHERE addrnumber = @lv\_adrnr.  
        IF sy-subrc EQ 0.  
          ls\_processed-zsupplierpoboxzip = ls\_adrc-post\_code1.  
          CONCATENATE ls\_adrc-city1 ls\_adrc-region INTO ls\_processed-zsupplierstreet SEPARATED BY space.  
          ls\_processed-zbilltocompany = ls\_adrc-name1.  
\*          ls\_processed-Zbilltoaddr1 = ls\_adrc-.    " Waiting for reply  
          CONCATENATE ls\_adrc-house\_num1 ls\_adrc-street INTO ls\_processed-zbilltoaddr2 SEPARATED BY space.  
          SELECT SINGLE landx FROM t005t INTO @lv\_landx WHERE spras = @sy-langu AND land1 = @ls\_adrc-country.  
          IF sy-subrc EQ 0.  
            ls\_processed-zbilltocountry = lv\_landx.  
          ENDIF.  
        ENDIF.  
\*--End of addition by SOSWAIN  
\*\*\*\*start of old code commented for company code  
\*\*----Company Code for NON-PO Invoices T001 based----\*  
\*        IF ls\_processed-zremittovat IS NOT INITIAL.  
\*          SELECT SINGLE bukrs,butxt INTO @DATA(ls\_t001) FROM t001 WHERE stceg = @ls\_processed-zremittovat.  
\*        ENDIF.  
\*  
\*\*----Company Code If already assigned using the image----\*  
\*        IF  ls\_t001-bukrs IS NOT INITIAL.  
\*          CLEAR ls\_processed-zcompanycode.  
\*          ls\_processed-zcompanycode          = ls\_t001-bukrs.  
\*        ENDIF.  
\*  
\*        IF ls\_processed-zcompanycode IS INITIAL.  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*\*----Counter----\*  
\*          lv\_counter = lv\_counter + 1.  
\*          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*          ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*          ls\_exception-zindex                  = lv\_counter.  
\*          ls\_exception-zdoctype               = 'ZNPO'.  
\*          ls\_exception-zexceptionno           = 'Company Code not determined'.  
\*          ls\_exception-zexceptionstatus       = 'Scanned'.  
\*          ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*          ls\_exception-zlastchecked           = sy-uzeit.  
\*          APPEND ls\_exception TO lt\_exception.  
\*          CLEAR ls\_exception.  
\*  
\*        ELSE.  
\*  
\*          SELECT SINGLE bukrs FROM t001 INTO @DATA(lv\_code) WHERE bukrs = @ls\_processed-zcompanycode.  
\*          IF sy-subrc NE 0.  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*\*----Counter----\*  
\*            lv\_counter = lv\_counter + 1.  
\*            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*            ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*            ls\_exception-zindex                  = lv\_counter.  
\*            ls\_exception-zdoctype               = 'ZNPO'.  
\*            ls\_exception-zexceptionno           = 'Invalid Company Code'.  
\*            ls\_exception-zexceptionstatus       = 'Scanned'.  
\*            ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*            ls\_exception-zlastchecked           = sy-uzeit.  
\*            APPEND ls\_exception TO lt\_exception.  
\*            CLEAR ls\_exception.  
\*          ENDIF.  
\*        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*end of old code commented for company code logic\*\*\*  
\*\*\*commenting the code for line item company code   start parvathy 5/6  
\*----Line Item Company Code----\*  
\*        IF  ls\_t001-bukrs IS NOT INITIAL.  
\*          ls\_processed-zcompanycodelineitm = ls\_t001-bukrs.  
\*        ELSE.  
\*          ls\_processed-zcompanycodelineitm = ls\_processed-zcompanycode.  
\*        ENDIF.  
\*\*\*commenting the code for line item company code end parvathy 5/6  
\*\*----Determining Vendor for PO Invoices LFA1 based----\*  
\*COMMENTING OUT THE ENTIRE CODE FOR VENDOR FETCHED - LOGIC FOR VENOR NAME AND NO IN REMIT \*\*\*\*END OF COMMENT\*\*\*\*  
\*        IF ls\_processed-zremittovat IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE stceg = @ls\_processed-zremittovat.  
\*        ENDIF.  
\*  
\*\*----Fetching Vendor based on 'Remit to Vat with VAT Registration Number1'----\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittovat IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE stcd1 = @ls\_processed-zremittovat.  
\*        ENDIF.  
\*  
\*\*----Fetching Vendor based on 'Remit to Vat with VAT Registration Number2'----\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittovat IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE stcd2 = @ls\_processed-zremittovat.  
\*        ENDIF.  
\*  
\*\*----Fetching Vendor based on 'Telephone1 with Remit to Phone'----\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittophone IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE telf1 = @ls\_processed-zremittophone.  
\*  
\*\*----Fetching Vendor based on 'Telephone2 with Remit to Phone'----\*  
\*          IF ls\_lfa1 IS INITIAL AND ls\_processed-zremittophone IS NOT INITIAL.  
\*            SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE telf2 = @ls\_processed-zremittophone.  
\*          ENDIF.  
\*        ENDIF.  
\*  
\*\*----Fetching Vendor based on 'Supplier Name'----\*  
\*        IF ls\_lfa1 IS INITIAL AND ls\_processed-zsuppliername IS NOT INITIAL.  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE name1 = @ls\_processed-zsuppliername.  
\*        ENDIF.  
\*  
\*\*----Matching Incoming Vendor Number with LFA1----\*  
\*        IF ls\_lfa1 IS INITIAL.  
\*          DATA:lv\_vendor(10) TYPE c.  
\*          CLEAR lv\_vendor.  
\*  
\*          lv\_vendor = ls\_processed-zvendorno.  
\*  
\*          CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
\*            EXPORTING  
\*              input  = lv\_vendor  
\*            IMPORTING  
\*              output = lv\_vendor.  
\*  
\*          SELECT SINGLE lifnr,lnrza INTO @ls\_lfa1 FROM lfa1 WHERE lifnr = @lv\_vendor."@ls\_processed-zvendorno.  
\*        ENDIF.  
\*\*----Assing Vendor Number LFA1 based----\*  
\*        ls\_processed-zvendorno            = ls\_lfa1-lifnr.  
\*\*--Start of addition by SOSWAIN  
\*        IF ls\_processed-zvendorno is not INITIAL.  
\*          SELECT SINGLE name1  
\*            FROM lfa1  
\*            INTO ls\_processed-zsuppliername  
\*            WHERE lifnr = ls\_processed-zvendorno.  
\*        ENDIF.  
\*\*--End of addition by SOSWAIN  
\*        IF ls\_processed-zvendorno IS INITIAL.  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*\*----Counter----\*  
\*          lv\_counter = lv\_counter + 1.  
\*          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*          ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*          ls\_exception-zindex                  = lv\_counter.  
\*          ls\_exception-zdoctype               = 'ZNPO'.  
\*          ls\_exception-zexceptionno           = 'Invalid Vendor'.  
\*          ls\_exception-zexceptionstatus       = 'Scanned'.  
\*          ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*          ls\_exception-zlastchecked           = sy-uzeit.  
\*          APPEND ls\_exception TO lt\_exception.  
\*          CLEAR ls\_exception.  
\*        ENDIF.  
\*COMMENTING OUT THE ENTIRE CODE FOR VENDOR FETCHED - LOGIC FOR VENOR NAME AND NO IN REMIT \*\*\*\*END OF COMMENT\*\*\*\*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*Changed By - Parvathy Gireendran  
\*Date Changed - 5/14/2019  
\*Transport Request No - DEDK900230  
\*Reason for change - New logic added to FS for Company code logic and exception creation.  
        IF ls\_processed-zsuppliername2 IS INITIAL."zsuppliername2 = remit supplier id  
          IF ls\_processed-zreminame IS  INITIAL.  
\*----Raise EXCEPTION----\* since both the remit supplier id and remit name is blank  
\*----Counter----\*  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Remit Supplier'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ELSE.  
            SELECT name1,pstlz,lifnr  
            FROM lfa1  
            INTO TABLE @DATA(lt\_nonpo\_lfa1)  
            WHERE name1 = @ls\_processed-zreminame  
            AND   pstlz = @ls\_processed-zremittopin.  
  
            IF sy-subrc = 0.  
              DESCRIBE TABLE lt\_nonpo\_lfa1 LINES lv\_po\_lines.  
              IF lv\_po\_lines = 1."checking if unique  
                SORT lt\_nonpo\_lfa1 BY name1 pstlz.  
                READ TABLE lt\_nonpo\_lfa1 INTO DATA(ls\_nonpo\_lfa1) WITH KEY name1 = ls\_processed-zreminame  
                                                                           pstlz = ls\_processed-zremittopin  
                                                                           BINARY SEARCH.  
                IF sy-subrc = 0.  
                  ls\_processed-zsuppliername2 = ls\_nonpo\_lfa1-lifnr.  
                  DATA(lv\_non\_indicator) = 'X'.  
                  SELECT  lifnr,bukrs  
                  FROM lfb1  
                  INTO TABLE @DATA(lt\_nonpo\_lfb1s)  
                  WHERE bukrs = @ls\_processed-zcompanycode  
                  AND lifnr = @ls\_processed-zsuppliername2.  
  
                  IF sy-subrc NE 0.  
\*----Raise EXCEPTION----\*" for no po - if the lifnr recieved has to be matched in lfb1 with company code, if no value then exception  
\*----Counter----\*  
                    lv\_counter = lv\_counter + 1.  
                    ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                    ls\_exception-zinvno                  = ls\_processed-zinvno.  
                    ls\_exception-zindex                  = lv\_counter.  
                    ls\_exception-zdoctype               = 'ZPOM'.  
                    ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Remit Supplier'.  
                    ls\_exception-zexceptionstatus       = 'Scanned'.  
                    ls\_exception-zmessagerasiedduring  = 'Exception'.  
                    ls\_exception-zlastchecked           = sy-uzeit.  
                    APPEND ls\_exception TO lt\_exception.  
                    CLEAR ls\_exception.  
                  ENDIF.  
                ENDIF.  
              ENDIF.  
            ENDIF.  
            CLEAR lv\_po\_lines.  
  
            IF lv\_non\_indicator NE 'X'. "This condition if not unique in LFA1.  
              SELECT  lifnr,bukrs  
              FROM lfb1  
              INTO TABLE @DATA(lt\_nonpo\_lfb1)  
              WHERE bukrs = @ls\_processed-zcompanycode.  
  
              IF sy-subrc = 0.  
                DESCRIBE TABLE lt\_nonpo\_lfb1 LINES lv\_po\_lines.  
                IF lv\_po\_lines = 1.  
                  SORT lt\_nonpo\_lfb1 BY bukrs.  
                  READ TABLE lt\_nonpo\_lfb1 INTO DATA(ls\_nonpo\_lfb1) WITH KEY bukrs = ls\_processed-zcompanycode BINARY SEARCH.  
                  IF sy-subrc = 0.  
                    ls\_processed-zsuppliername2 = ls\_nonpo\_lfb1-lifnr.  
                  ENDIF.  
                ELSE."SINCE NO UNIQUE VALUE FROM LFA1 AND LFB1  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
                  lv\_counter = lv\_counter + 1.  
                  ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
                  ls\_exception-zinvno                  = ls\_processed-zinvno.  
                  ls\_exception-zindex                  = lv\_counter.  
                  ls\_exception-zdoctype               = 'ZPOM'.  
                  ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Remit Supplier'.  
                  ls\_exception-zexceptionstatus       = 'Scanned'.  
                  ls\_exception-zmessagerasiedduring  = 'Exception'.  
                  ls\_exception-zlastchecked           = sy-uzeit.  
                  APPEND ls\_exception TO lt\_exception.  
                  CLEAR ls\_exception.  
                ENDIF.  
              ENDIF.  
            ENDIF.  
          ENDIF.  
        ELSE.    "WHEN SUPPLIER NO IS not BLANK  
          SELECT  SINGLE lifnr,name1,ort01,pstlz,stras,land1  
                    FROM lfa1  
                    INTO @DATA(ls\_nonpo\_lfa1s)  
                    WHERE lifnr = @ls\_processed-zsuppliername2."remit suplier no  
          IF sy-subrc = 0.  
            ls\_processed-zreminame            = ls\_nonpo\_lfa1s-name1.  
            ls\_processed-zremittoaddr1         = ls\_nonpo\_lfa1s-ort01.  
            ls\_processed-zremittostreet        = ls\_nonpo\_lfa1s-stras.  
            ls\_processed-zremittopin           = ls\_nonpo\_lfa1s-pstlz.  
            ls\_processed-zremittoaddr2         = ls\_nonpo\_lfa1s-land1.  
          ELSE.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Invalid Remit Supplier'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ENDIF.  
  
        ls\_processed-zvendorno = ls\_processed-zsuppliername2.  
        ls\_processed-zsuppliername = ls\_processed-zreminame.  
  
        CLEAR lv\_non\_indicator.  
  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*Changed By - Parvathy Gireendran  
\*Date Changed - 4/24/2019  
\*Transport Request No - DEDK900230  
\*Reason for change - New logic added to FS , Payment term was not a dervided term before.Current code is to get the value of payment dervived.  
\*1. get the value from the invoice which is scanned.  
\*2. Based on that value dervive the values of other fields like  
  
  
  
\*\*----Determining Payment Terms based on LFM1----\*  
        SELECT SINGLE zterm , zahls  
          INTO @DATA(lv\_nonpo\_lfb1\_zterm)  
          FROM lfb1  
          WHERE lifnr = @ls\_processed-zvendorno  
         AND bukrs = @ls\_processed-zcompanycode."@ls\_t001-bukrs.  
        IF sy-subrc EQ 0.  
\*\*----Assigining Payment Block----\*  
          ls\_processed-zpaymentblock        = lv\_nonpo\_lfb1\_zterm-zahls.  
        ENDIF.  
\*  
\*\*----Assigning Payment Terms----\*  
\*        ls\_processed-zpaymentterm         = lv\_zterm.  
\*  
\*\*----Determining Day1,Day2,Day3,Disc1,Disc2 based on T052 using ZTERM----\*  
\*        SELECT SINGLE zterm,ztagg,ztag1,zprz1,ztag2,zprz2,ztag3  
\*          INTO @DATA(ls\_t052)  
\*          FROM t052  
\*          WHERE zterm = @lv\_zterm.  
\*\*end of commenting the code below from 673 to 686  
\*\*Start of New code added 4/24/2019\*\*\*\*\*\*\*\*\*\*\*\*\*logic change 5/17/2019  
  
        IF ls\_processed-zbilltoemail IS INITIAL."zbilltoemail = payment term key  
          IF    ls\_processed-zpaymentterm IS  INITIAL .  
\*\*\*Raise Exception\*\*\*  
\*\*\*counter\*\*\*  
            CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Payment Terms'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ELSE.  
            SELECT SINGLE vtext,zterm  
              INTO @DATA(ls\_nonpo\_tvzbt)  
              FROM tvzbt  
              WHERE vtext = @ls\_processed-zpaymentterm  
              AND spras = 'E'.  
  
            IF sy-subrc = 0.  
              ls\_processed-zbilltoemail =         ls\_nonpo\_tvzbt-zterm.  
              SELECT SINGLE zterm ,ztagg,ztag1,zprz1,ztag2,zprz2,ztag3  
                 INTO @DATA(ls\_nonpo\_t052)  
                 FROM t052  
                 WHERE zterm = @ls\_tvzbt-zterm.  
  
              IF sy-subrc = 0.  
                ls\_processed-zbilltoemail =         ls\_nonpo\_t052-zterm.  
                lv\_zterm = ls\_t052-zterm."parvathy , remove this after making changes in date fetching in the below code , fm fi\_\*\*  
                ls\_processed-zday1                 = ls\_nonpo\_t052-ztag1. "day1  
                ls\_processed-zday2                 = ls\_nonpo\_t052-ztag2. "day2  
                ls\_processed-zday3                 = ls\_nonpo\_t052-ztag3. "day3  
                ls\_processed-zdisc1                = ls\_nonpo\_t052-zprz1. "disk1  
                ls\_processed-zdisc2                = ls\_nonpo\_t052-zprz2. "disk2  
              ENDIF.  
  
            ELSE.  
              CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
              lv\_counter = lv\_counter + 1.  
              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
              ls\_exception-zinvno                  = ls\_processed-zinvno.  
              ls\_exception-zindex                  = lv\_counter.  
              ls\_exception-zdoctype               = 'ZPOM'.  
              ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Enter Payment Terms'.  
              ls\_exception-zexceptionstatus       = 'Scanned'.  
              ls\_exception-zmessagerasiedduring  = 'Exception'.  
              ls\_exception-zlastchecked           = sy-uzeit.  
              APPEND ls\_exception TO lt\_exception.  
              CLEAR ls\_exception.  
            ENDIF.  
          ENDIF.  
        ELSE.  
  
          CONDENSE ls\_processed-zbilltoemail NO-GAPS."payment term key = zbilltoemail  
          TRANSLATE ls\_processed-zpaymentterm TO UPPER CASE.  
          lv\_length\_zterm = cl\_abap\_list\_utilities=>dynamic\_output\_length( ls\_processed-zbilltoemail ).  
          IF lv\_length\_zterm GT 4.  
            CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zindex                  = lv\_counter.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':' && 'Payment Term doesnot exist in S4'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
  
          ELSE."when payment term key field has value  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zbilltoemail "payment term key  
              IMPORTING  
                output = lv\_zpaymentterm. "payment term key  
  
            SELECT SINGLE vtext , zterm  
            INTO @DATA(ls\_nonpo\_tvzbts)  
            FROM tvzbt  
            WHERE zterm = @lv\_zpaymentterm  
            AND spras = 'E'.  
            IF sy-subrc = 0.  
              ls\_processed-zpaymentterm = ls\_nonpo\_tvzbts-vtext.  
            ENDIF.  
  
            SELECT SINGLE zterm,ztagg,ztag1,zprz1,ztag2,zprz2,ztag3  
            INTO @DATA(ls\_nonpo\_t052s)  
            FROM t052  
            WHERE zterm = @lv\_zpaymentterm.  
            IF sy-subrc = 0.  
              lv\_zterm = ls\_nonpo\_t052s-zterm.  
              ls\_processed-zbilltoemail          = ls\_nonpo\_t052s-zterm.  
              ls\_processed-zday1                 = ls\_nonpo\_t052s-ztag1.  
              ls\_processed-zday2                 = ls\_nonpo\_t052s-ztag2.  
              ls\_processed-zday3                 = ls\_nonpo\_t052s-ztag3.  
              ls\_processed-zdisc1                = ls\_nonpo\_t052s-zprz1.  
              ls\_processed-zdisc2                = ls\_nonpo\_t052s-zprz2.  
            ENDIF.  
          ENDIF.  
        ENDIF.  
        IF lv\_nonpo\_lfb1\_zterm-zterm NE ls\_processed-zbilltoemail.  
\*----Raise EXCEPTION----\*  
\*----Counter----\*  
\*    CLEAR:ls\_processed-zday1 , ls\_processed-zday2   ,ls\_processed-zday3  ,ls\_processed-zdisc1   ,ls\_processed-zdisc2 .  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'E3.Item' && ls\_processed-zitemindex && ':' && 'Payment Term Mismatch, S4 payment '.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*\*Baseline date calculation for non-po  
  
  
        SPLIT ls\_processed-zdocdate AT '-' INTO lv\_year lv\_month lv\_day.  
        lv\_len\_month = cl\_abap\_list\_utilities=>dynamic\_output\_length( lv\_month ).  
  
        lv\_len\_day = cl\_abap\_list\_utilities=>dynamic\_output\_length( lv\_day ).  
  
        IF lv\_len\_day = 1.  
          CONCATENATE '0' lv\_day  INTO lv\_day.  
        ENDIF.  
        IF lv\_len\_month = 1.  
          CONCATENATE '0' lv\_month  INTO lv\_month.  
        ENDIF.  
  
  
\*   IF ls\_processed-zbaselinedate+4(1) = '-'. converting the format yyyy-mm-dd yyyy-m-dd to mm/dd/yyyy  
        CONCATENATE lv\_year lv\_month lv\_day INTO ex\_baseline\_input." SEPARATED BY SLASH .  
  
\*  
\*\*  
\*\*\*----Determining the Baseline Date using FM----\*  
        CALL FUNCTION 'FI\_FIND\_PAYMENT\_CONDITIONS'  
          EXPORTING  
            i\_zterm = lv\_zterm  
            i\_bldat = ex\_baseline\_input  
            i\_budat = ex\_baseline\_input  
\*           I\_LIFNR =  
\*           I\_BUKRS =  
          IMPORTING  
            e\_zfbdt = lv\_zfbdt. "mm/dd/2019  
        IF sy-subrc <> 0.  
  
        ENDIF.  
  
        CONCATENATE  lv\_zfbdt(4) lv\_zfbdt+4(2) lv\_zfbdt+6(2) INTO ex\_baseline\_output SEPARATED BY c\_dash .  
\*---Assigning Baseline Date----\*  
        ls\_processed-zbaselinedate        = ex\_baseline\_output ."ls\_processed-zdocdate ."CHANGED TO FROM lv\_zfbdt.  
  
\*---Assigning Due on Date----\*  
        ls\_processed-zdueon               = ex\_baseline\_output."ls\_processed-zdocdate.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TAX Calculation\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*in case when tax calculator is false  
        IF ls\_processed-zitemtax IS INITIAL.  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':''Enter Tax Code'.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
\*in case when autotax calculator is true.  
\*         if ls\_processed-zautocaltax = 'true'.  
        IF ls\_processed-ztaxjursidiction IS INITIAL .  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zdoctype               = 'ZPOM'.  
          ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':''Enter Tax Jurisdiction Code  '.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
\*          ENDIF.  
  
          IF ls\_processed-zcompanycode     IS NOT INITIAL AND  
             ls\_processed-zitemtax         IS NOT INITIAL AND  
             ls\_processed-ztaxjursidiction IS NOT INITIAL AND  
             ls\_processed-zcurrency        IS NOT INITIAL AND  
             ls\_processed-zitemprice       IS NOT INITIAL .  
  
            lv\_i\_wrbtr = ls\_processed-zitemprice .  
  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zcompanycode  
              IMPORTING  
                output = lv\_i\_bukrs.  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zitemtax  
              IMPORTING  
                output = lv\_i\_mwskz.  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-ztaxjursidiction  
              IMPORTING  
                output = lv\_i\_txjcd.  
            CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  
              EXPORTING  
                input  = ls\_processed-zcurrency  
              IMPORTING  
                output = lv\_i\_waers.  
            CALL FUNCTION 'CONVERSION\_EXIT\_AU132\_INPUT'  
              EXPORTING  
                input  = lv\_i\_wrbtr  
\*               REFVAL =  
\*               CURRENCY       =  
              IMPORTING  
                output = lv\_i\_wrbtr.  
  
            CALL FUNCTION 'CALCULATE\_TAX\_FROM\_NET\_AMOUNT'  
              EXPORTING  
                i\_bukrs = lv\_i\_bukrs  
                i\_mwskz = lv\_i\_mwskz  
                i\_txjcd = lv\_i\_txjcd  
                i\_waers = lv\_i\_waers  
                i\_wrbtr = lv\_i\_wrbtr  
              TABLES  
                t\_mwdat = it\_t\_mwdat.  
  
            LOOP AT it\_t\_mwdat INTO wa\_t\_mwdat .  
              lv\_tax\_net = lv\_tax\_net + wa\_t\_mwdat-wmwst .  
            ENDLOOP.  
  
          ELSE.  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Item' && ls\_processed-zitemindex && ':''Insufficient data for Tax calculation'.  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ENDIF.  
  
  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\*\*line item validation quanity\*  price = total amount  
\*\*--Start of addition by SOSWAIN  
\*    lv\_amount = ls\_processed-zunitprice \* ls\_processed-zitemqty.  
\*    MOVE lv\_amount TO lv\_amount\_s.  
\*  
\*    IF lv\_amount NE ls\_processed-ztotalamount.  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*.  
\*       ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*       ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*       ls\_exception-zdoctype               = 'ZPOM'.  
\*       CONCATENATE 'Item' ls\_processed-zitemindex ':' 'The company code' ls\_processed-zcompanycode  
\*                   'does not match with company code in the PO'  
\*              INTO ls\_exception-zexceptionno  
\*      SEPARATED BY space.  
\*       ls\_exception-zexceptionstatus       = 'Scanned'.  
\*       ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*       ls\_exception-zlastchecked           = sy-uzeit.  
\*       APPEND ls\_exception TO lt\_exception.  
\*       CLEAR ls\_exception.  
\*     ENDIF.  
\*\*--End of addition by SOSWAIN  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*--------------------------------------------------------------------------------------------------------  
\*\*net amount calculation and gross amount validation  
\*  
        lv\_add\_net = lv\_add\_net + ls\_processed-zitemprice.  
  
        IF ls\_processed-zitemindex = lv\_main\_lines .  
          IF ls\_processed-zautocaltax = 'true'.  
            ls\_processed-ztotaltaxamt = lv\_tax\_net.  
          ENDIF.  
  
          ls\_processed-znetamount =  lv\_add\_net.  
          lv\_add\_gross = ls\_processed-znetamount +  ls\_processed-ztotaltaxamt.  
          IF lv\_add\_gross NE ls\_processed-zgrossamount .  
\*----Gross Amount not equal to net amount + unplanned cost + tax----\*  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
            lv\_counter = lv\_counter + 1.  
            ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
            ls\_exception-zinvno                  = ls\_processed-zinvno.  
            ls\_exception-zdoctype               = 'ZPOM'.  
            ls\_exception-zexceptionno           = 'Invoice Net amount ''' && ls\_processed-zgrossamount && '''does not match Invoice line item total amount''' &&  lv\_add\_gross && ''''. "changed the text from gross to net  
            ls\_exception-zexceptionstatus       = 'Scanned'.  
            ls\_exception-zmessagerasiedduring  = 'Exception'.  
            ls\_exception-zlastchecked           = sy-uzeit.  
            APPEND ls\_exception TO lt\_exception.  
            CLEAR ls\_exception.  
          ENDIF.  
        ENDIF.  
\*--------------------------------------------------------------------------------------------------------------  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*comment id =111@@@111 \*need to comment this code between 111@@@111 and 222@@@222 after checking with Hussain \*\*\*\*\*\*  
\*----Determining Payment Terms based on LFB1----\*  
\*        SELECT SINGLE zterm,zahls  
\*          INTO @DATA(ls\_lfb1)  
\*          FROM lfb1  
\*          WHERE lifnr = @ls\_lfa1-lifnr  
\*          AND   bukrs = @lv\_code."@ls\_t001-bukrs.  
\*  
\*\*----Assigning Payment Terms----\*need to comment  
\*        ls\_processed-zpaymentterm         = ls\_lfb1-zterm.  
\*  
  
\*  
\*\*----Determining Day1,Day2,Day3,Disc1,Disc2 based on T052 using ZTERM----\*need to comment  
\*        SELECT SINGLE zterm,ztagg,ztag1,zprz1,ztag2,zprz2,ztag3  
\*          INTO @ls\_t052  
\*          FROM t052  
\*          WHERE zterm = @ls\_lfb1-zterm.  
\*  
\*\*----Assigning Day1----\*  
\*        ls\_processed-zday1                 = ls\_t052-ztag1.  
\*  
\*\*----Assigning Day2----\*  
\*        ls\_processed-zday2                 = ls\_t052-ztag2.  
\*  
\*\*----Assigning Day3----\*  
\*        ls\_processed-zday3                 = ls\_t052-ztag3.  
\*  
\*\*----Assigning Discount% 1----\*  
\*        ls\_processed-zdisc1                = ls\_t052-zprz1.  
\*  
\*\*----Assigning Discount% 2----\*  
\*        ls\_processed-zdisc2                = ls\_t052-zprz2.  
  
\*comment id =222@@@222 \*need to comment this code between 111@@@111 and 222@@@222 after checking with Hussain \*\*\*\*\*\*  
\*----Assigning Bank Partner Type----\*  
        SELECT SINGLE banks,bankl, bankn,bvtyp  
          INTO @ls\_lfbk  
          FROM lfbk  
          WHERE lifnr = @ls\_processed-zsuppliername2. "@ls\_processed-zvendorno.based on logic change bank details fetched based on the remit supplier id  
  
        IF sy-subrc EQ 0.  
\*----Assigning Bank Account----\*  
          ls\_processed-zbankacc             = ls\_lfbk-bankn.  
  
\*----Assigning Bank Key----\*  
          ls\_processed-zbankno              = ls\_lfbk-bankl.  
  
\*----Assigning Bank Partner Type----\*  
          ls\_processed-zbankpartnertype     = ls\_lfbk-bvtyp.  
  
          SELECT SINGLE banka,stras  
            INTO @ls\_bnka  
            FROM bnka  
            WHERE banks = @ls\_lfbk-banks  
            AND   bankl = @ls\_lfbk-bankl.  
          IF sy-subrc EQ 0.  
\*----Assigning Bank Name----\*  
            ls\_processed-zbankname              = ls\_bnka-banka.  
          ENDIF.  
  
        ENDIF.  
  
\*----Missing Mandatory Check----\*  
        IF ls\_processed-zglaccount IS INITIAL.  
          DATA(lv\_desc\_gl) = 'GL Account'.  
        ENDIF.  
  
        IF ls\_processed-zvendorno IS INITIAL.  
          lv\_desc\_vendor = 'Vendor'.  
        ENDIF.  
  
        IF ls\_processed-zcompanycode IS INITIAL.  
          lv\_desc\_cc = 'Company Code'.  
        ENDIF.  
  
        IF ls\_processed-zinvno IS INITIAL.  
          lv\_desc\_invno = 'Invoice Ref'.  
        ENDIF.  
  
        IF ls\_processed-zinvdate IS INITIAL.  
          lv\_desc\_invdt = 'Invoice Date'.  
        ENDIF.  
  
        IF ls\_processed-zgrossamount IS INITIAL.  
          lv\_desc\_amt = 'Net Amt'.""changed the text from gross to net  
        ENDIF.  
  
        IF ls\_processed-zcurrency IS INITIAL.  
          lv\_desc\_curr = 'Currency'.  
        ENDIF.  
  
        IF ls\_processed-zcostcenter IS INITIAL.  
          DATA(lv\_desc\_cost) = 'Cost Center'.  
        ENDIF.  
  
\*----Mandatory Information Check----\*  
        IF  
\*\*\*\*\*          ls\_processed-zglaccount   IS INITIAL OR  
\*\*\*\*\*           ls\_processed-zcostcenter  IS INITIAL OR  
           ls\_processed-zinvno        IS INITIAL OR  
           ls\_processed-zinvdate      IS INITIAL OR  
           ls\_processed-zgrossamount IS INITIAL OR  
           ls\_processed-zcurrency     IS INITIAL OR  
           ls\_processed-zcompanycode IS INITIAL OR  
           ls\_processed-zvendorno    IS INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZNPO'.  
          ls\_exception-zexceptionno           = 'Missing Mandatory Information' && lv\_desc\_gl && lv\_desc\_vendor && lv\_desc\_cost  
                                                 && lv\_desc\_cc && lv\_desc\_invno && lv\_desc\_invdt && lv\_desc\_amt && lv\_desc\_curr.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
  
  
\*---Suspected Duplicate Check----\*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*COMMENTING OUT THIS LOGIC PUSHED FOR PHASE 2 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*        IF ls\_processed-zvendorno IS NOT INITIAL OR  
\*           ls\_processed-zcompanycode IS NOT INITIAL OR  
\*           ls\_processed-zinvno IS NOT INITIAL.  
\*  
\*          SELECT SINGLE belnr  
\*            FROM bkpf  
\*            INTO @lv\_belnr  
\*            WHERE bukrs = @ls\_processed-zcompanycode  
\*            AND   blart = 'KA'  
\*            AND   xblnr = @ls\_processed-zinvno.  
\*  
\*          IF sy-subrc EQ 0.  
\*  
\*            SELECT SINGLE lifnr  
\*              FROM bseg  
\*              INTO @DATA(lv\_bseg\_lifnr)  
\*              WHERE belnr = @lv\_belnr  
\*              AND   bukrs = @ls\_processed-zcompanycode  
\*              AND   shkzg = 'H'.  
\*  
\*            IF lv\_bseg\_lifnr NE ls\_processed-zvendorno.  
\*  
\*\*-------------------------\*  
\*\*----Raise EXCEPTION----\*  
\*\*-------------------------\*  
\*\*----Counter----\*  
\*              lv\_counter = lv\_counter + 1.  
\*              ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*              ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*              ls\_exception-zindex                  = lv\_counter.  
\*              ls\_exception-zdoctype               = 'ZNPO'.  
\*              ls\_exception-zexceptionno           = 'Suspected Duplicate'.  
\*              ls\_exception-zexceptionstatus       = 'Scanned'.  
\*              ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*              ls\_exception-zlastchecked           = sy-uzeit.  
\*              APPEND ls\_exception TO lt\_exception.  
\*              CLEAR ls\_exception.  
\*            ENDIF.  
\*          ENDIF.  
\*  
\*        ENDIF.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*COMMENTING OUT THIS LOGIC PUSHED FOR PHASE 2 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
  
\*----Currency Check----\*  
        SELECT SINGLE waers  
          INTO @lv\_currency  
          FROM tcurc  
          WHERE waers = @ls\_processed-zcurrency.  
\*----Invalid Currency----\*  
        IF lv\_currency IS INITIAL.  
\*-------------------------\*  
\*----Raise EXCEPTION----\*  
\*-------------------------\*  
\*----Counter----\*  
          lv\_counter = lv\_counter + 1.  
          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
          ls\_exception-zinvno                  = ls\_processed-zinvno.  
          ls\_exception-zindex                  = lv\_counter.  
          ls\_exception-zdoctype               = 'ZNPO'.  
          ls\_exception-zexceptionno           = 'Invalid Currency'.  
          ls\_exception-zexceptionstatus       = 'Scanned'.  
          ls\_exception-zmessagerasiedduring  = 'Exception'.  
          ls\_exception-zlastchecked           = sy-uzeit.  
          APPEND ls\_exception TO lt\_exception.  
          CLEAR ls\_exception.  
        ENDIF.  
  
\*----Unit of Measure----\*  
\*Not Required for Non PO Scenario\*  
  
\*----Cost Center Not Found Exception----\*  
\*\*\*\*        IF ls\_processed-zcostcenter IS INITIAL.  
\*\*\*\*  
\*\*\*\*\*-------------------------\*  
\*\*\*\*\*----Raise EXCEPTION----\*  
\*\*\*\*\*-------------------------\*  
\*\*\*\*\*----Counter----\*  
\*\*\*\*          lv\_counter = lv\_counter + 1.  
\*\*\*\*          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*\*\*\*          ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*\*\*\*          ls\_exception-zindex                  = lv\_counter.  
\*\*\*\*          ls\_exception-zdoctype               = 'ZNPO'.  
\*\*\*\*          ls\_exception-zexceptionno           = 'Cost Object not determined for Non-PO Invoice'.  
\*\*\*\*          ls\_exception-zexceptionstatus       = 'Scanned'.  
\*\*\*\*          ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*\*\*\*          ls\_exception-zlastchecked           = sy-uzeit.  
\*\*\*\*          APPEND ls\_exception TO lt\_exception.  
\*\*\*\*          CLEAR ls\_exception.  
\*\*\*\*        ENDIF.  
  
  
\*----Tax Code Determination----\*changed ls\_processed-zcompanycodelineitm to @ls\_processed-zcompanycode..parvathy 5/6/2019  
        SELECT SINGLE land1  
          FROM t001  
          INTO @DATA(lv\_land1)  
          WHERE bukrs = @ls\_processed-zcompanycode.  
        IF sy-subrc EQ 0.  
          SELECT SINGLE kalsm  
            FROM t005  
            INTO @DATA(lv\_kalsm)  
            WHERE land1 = @lv\_land1.  
          IF sy-subrc EQ 0.  
            SELECT kalsm,mwskz,lstml  
              FROM t007a  
              INTO TABLE @DATA(lt\_t007a)  
              WHERE kalsm = @lv\_kalsm.  
            IF sy-subrc EQ 0.  
              SELECT aland,mwskz  
                FROM a003  
                INTO TABLE @DATA(lt\_a003)  
                FOR ALL ENTRIES IN @lt\_t007a  
                WHERE mwskz = @lt\_t007a-mwskz  
                AND   aland = @lv\_land1.  
              IF sy-subrc EQ 0.  
                SORT lt\_t007a BY mwskz.  
              ENDIF."A003 Sy-subrc Check  
            ENDIF."T007A Sy-subrc Check  
          ENDIF."T005 Sy-subrc Check  
        ENDIF."T001 Sy-subrc Check  
  
\*----Tax Code Not Found Exception----\*  
\*        READ TABLE lt\_a003 INTO DATA(ls\_a003) WITH KEY mwskz = ls\_processed-zcompanycodelineitm.  
  
\*\*\*\*        IF sy-subrc NE 0.  
\*\*\*\*  
\*\*\*\*\*-------------------------\*  
\*\*\*\*\*----Raise EXCEPTION----\*  
\*\*\*\*\*-------------------------\*  
\*\*\*\*\*----Counter----\*  
\*\*\*\*          lv\_counter = lv\_counter + 1.  
\*\*\*\*          ls\_exception-zimagefingerprint      = ls\_processed-zimagefingerprint.  
\*\*\*\*          ls\_exception-zinvno                  = ls\_processed-zinvno.  
\*\*\*\*          ls\_exception-zindex                  = lv\_counter.  
\*\*\*\*          ls\_exception-zdoctype               = 'ZNPO'.  
\*\*\*\*          ls\_exception-zexceptionno           = 'Tax Code not Determined Non-PO Invoice'.  
\*\*\*\*          ls\_exception-zexceptionstatus       = 'Scanned'.  
\*\*\*\*          ls\_exception-zmessagerasiedduring  = 'Exception'.  
\*\*\*\*          ls\_exception-zlastchecked           = sy-uzeit.  
\*\*\*\*          APPEND ls\_exception TO lt\_exception.  
\*\*\*\*          CLEAR ls\_exception.  
\*\*\*\*          CLEAR: ls\_a003.  
\*\*\*\*        ENDIF.  
  
  
  
        APPEND ls\_processed TO lt\_processed.  
        SORT lt\_processed BY zimagefingerprint zinvno zitemindex.  
  
\*        MODIFY zocr\_processed FROM ls\_processed.removing ls\_lfb1\*parvathy  
        CLEAR: ls\_processed, ls\_processed, "ls\_lfa1,  
               ls\_bnka,      ls\_t052,  
\*\*\*added by parvathy 5/14  
               lv\_zcompanycode,  
               lv\_zbilltocompany.  
        CLEAR : lv\_year,lv\_month,lv\_day,ex\_baseline\_input,ex\_baseline\_output,lv\_zterm,lv\_zfbdt,lv\_len\_day,lv\_len\_month.  
  
        et\_output[] = lt\_processed[].  
      ENDLOOP.  
  
\*----Update the ZOCR\_EXCEPTION Table----\*  
\*\*\*\*\*      MODIFY zocr\_exception FROM TABLE lt\_exception.  
\*\*\*\*  
\*\*\*\*      IF sy-subrc EQ 0.  
\*\*\*\*        ex\_update\_successful = 'X'.  
\*\*\*\*      ELSE.  
\*\*\*\*        ex\_update\_failed = 'X'.  
\*\*\*\*      ENDIF.  
\*\*\*\*      CLEAR: lv\_counter, lv\_lines.  
\*\*\*\*  
\*\*\*\*      IF lt\_exception IS INITIAL.  
\*\*\*\*        ex\_posting\_allowed = 'X'.  
\*\*\*\*  
\*\*\*\*      ELSE.  
\*\*\*\*        ex\_posting\_allowed = ' '.  
\*\*\*\*        et\_exception[] = lt\_exception[].  
\*\*\*\*      ENDIF.  
  
      et\_exception[] = lt\_exception[].  
    ENDIF." IM\_PAYLOAD-PONUM Initiality Check  
  
  ENDMETHOD.