**FTP Development logic based on Background JOB.**

* FUNCTION z6hr001f\_master.  
  *\*"----------------------------------------------------------------------*  
  *\*"\*"Local Interface:*  
  *\*"  TABLES*  
  *\*"      LT\_MASTER STRUCTURE  Z6HRS\_MASTER*  
  *\*"----------------------------------------------------------------------*  
    
    
    DATA : BEGIN OF it\_join\_fields OCCURS 0,  
             field\_name(20),  
           END OF it\_join\_fields.  
    *""" BEGIN OF LOGIC*  
    TYPES : s\_date1 TYPE RANGE OF hrp1001-begda.  
    DATA : w\_pa0002\_tmp TYPE pa0002.  
    DATA : s\_date TYPE s\_date1 WITH HEADER LINE.  
    
    *""""""END OF LOGIC*  
    
    DATA: BEGIN OF t\_final OCCURS 0,  
            pernr          LIKE pa0000-pernr,        *"EMp code*  
            f\_nam          LIKE pa0002-vorna,        *"FULL NAME*  
            eepfn          LIKE pa0587-eepfn,        *"PF NUMBER*  
            doj            LIKE pa0000-begda,        *"DOJ*  
            dol            LIKE pa0000-begda,        *"DOL*  
            dor            LIKE pa0000-begda,         *"DOR   "+HK27112018*  
            plstx          LIKE hrp1000-stext,       *"DESIGNATION*  
            job            LIKE hrp1000-stext,       *"JOB*  
            ptext          LIKE t503t-ptext,         *"GRADE*  
            orgtx          LIKE hrp1000-stext,       *"DEPARTMENT*  
            name1          LIKE t500p-name1,         *"UNIT NAME*  
            gtext          LIKE t502t-ftext,         *"GENDER*  
            ftext          LIKE t502t-ftext,         *"MARITAL STATUS*  
            mrg\_date       TYPE pa0021-begda,     *"DATE OF MARRAIGE*  
            wtf03          LIKE pa0028-wtf03,        *"BOLLD GROUP*  
            gbort          LIKE pa0002-gbort,        *"BIRTH PLACE*  
            gbdat          LIKE pa0002-gbdat,        *"DOB*  
            age            LIKE t71gs-loval,         *"AGE*  
            exp\_bminda(5)  TYPE c, *"     TYPE p DECIMALS 2,   "EXPERIENCE BEFORE MINDA*  
            exp\_minda(5)   TYPE c, *"      TYPE p DECIMALS 2,    "EXPERIENCE IN MINDA*  
            tot\_exp(5)     TYPE c, *"        TYPE p DECIMALS 2,      "TOTAL EXPERIENCE*  
            e\_mcno         LIKE pa0002-yymediclaim, *"MEDICLAIM CARD NUMBER*  
            esino          LIKE pa0588-esinm,        *"ESI NUMBER*  
            esidp          LIKE pa0588-ticnm,        *"esidp,       "ESI DISPENSARY*  
            atext(255)     TYPE c,              *"QUALIFICATION*  
            insti          LIKE pa0022-insti,        *"INSTITUTE*  
            passout        LIKE pa0022-endda,      *"PASSED OUT YEAR*  
            emark          LIKE pa0022-emark,     *"Grade/Marks +RM120916*  
            atext1(255)    TYPE c,             *"QUALIFICATION1*  
            insti1         LIKE pa0022-insti,       *"INSTITUTE1*  
            passout1       LIKE pa0022-endda,     *"PASSED OUT YEAR1*  
            emark1         LIKE pa0022-emark,     *"Grade/Marks +RM120916*  
            atext2(255)    TYPE c,             *"QUALIFICATION2*  
            insti2         LIKE pa0022-insti,       *"INSTITUTE2*  
            passout2       LIKE pa0022-endda,     *"PASSED OUT YEAR2*  
            emark2         LIKE pa0022-emark,     *"Grade/Marks +RM120916*  
            f\_name(80)     TYPE c,              *"FATHERS NAME*  
            f\_dob          LIKE pa0021-fgbdt,        *"FATHERS DOB*  
            m\_name(80)     TYPE c,              *"MOTHERS NAME*  
            m\_dob          LIKE pa0021-fgbdt,        *"MOTHERS DOB*  
            s\_name(80)     TYPE c,              *"SPOUSE NAME*  
            s\_dob          LIKE pa0021-fgbdt,        *"SPOUSE DOB*  
            s\_mcno         LIKE pa0021-yymediclaim, *"MEDICLAIM CARD NUMBER*  
            c1\_name(80)    TYPE c,             *"CHILDS NAME*  
            c1\_dob         LIKE pa0021-fgbdt,       *"CHILDS DOB*  
            c1\_mcno        LIKE pa0021-yymediclaim, *"MEDICLAIM CARD NUMBER*  
            c2\_name(80)    TYPE c,             *"CHILDS NAME*  
            c2\_dob         LIKE pa0021-fgbdt,       *"CHILDS DOB*  
            c2\_mcno        LIKE pa0021-yymediclaim, *"MEDICLAIM CARD NUMBER*  
            c3\_name(80)    TYPE c,             *"CHILDS NAME*  
            c3\_dob         LIKE pa0021-fgbdt,       *"CHILDS DOB*  
            c3\_mcno        LIKE pa0021-yymediclaim, *"MEDICLAIM CARD NUMBER*  
            c4\_name(80)    TYPE c,             *"CHILDS NAME*  
            c4\_dob         LIKE pa0021-fgbdt,       *"CHILDS DOB*  
            c4\_mcno        LIKE pa0021-yymediclaim, *"MEDICLAIM CARD NUMBER*  
            c5\_name(80)    TYPE c,             *"CHILDS NAME*  
            c5\_dob         LIKE pa0021-fgbdt,       *"CHILDS DOB*  
            c5\_mcno        LIKE pa0021-yymediclaim, *"MEDICLAIM CARD NUMBER*  
            p\_add(120)     TYPE c,              *"PERMANENT ADDRESS*  
            c\_add(120)     TYPE c,              *"CURRENT ADDRESS*  
            telnr          LIKE pa0006-telnr,        *"TELFONE NUMBER*  
            usrid\_long     LIKE pa0105-usrid\_long, *"OFFICIAL EMAIL ID*  
            usrid\_long\_rep LIKE pa0105-usrid\_long, *"OFFICIAL EMAIL ID    "+RM070417*  
            usrid          LIKE pa0105-usrid,        *"EMAIL ID*  
            mob            LIKE pa0105-usrid,        *"MOBILE*  
            cell           LIKE pa0105-usrid,        *"TELEPHONE*  
            epn            LIKE pa0105-usrid,          *"EMERGENCY PHONE NUMBER*  
            rep\_to         LIKE pa0002-vorna,       *"REPORT TO*  
            drivingid      LIKE pa0185-icnum,    *"DRIVING LICENSE*  
            expid\_dr       LIKE pa0185-expid,     *"Driving License Expiry Date*  
            pannum         LIKE pa0185-icnum,       *"PAN NUMBER*  
            passport       LIKE pa0185-icnum,     *"PASSPORT*  
            expid\_pass     LIKE pa0185-expid,     *"Passport ID Expiry Date*  
            aadhar         LIKE pa0185-icnum,     *"Aadhar    "+RM090616*  
            voterid        LIKE pa0185-icnum,      *"VOTER ID*  
            uan            LIKE pa0185-icnum,       *"UAN*  
            expid\_uan      LIKE pa0185-expid,        *"UAN Expiry date*  
            bankn          LIKE pa0009-bankn,        *"BANK ACC NUMBER*  
            banka          LIKE bnka-banka,          *"BANK NAME*  
            arbgb          LIKE pa0023-arbgb ,       *"LAST COMPANY WORKED*  
            yydesig        LIKE pa0023-yydesig,    *"LAST POSITION HELD*  
            lsalary(30)    TYPE c,             *"LAST SALARY DRAWN*  
            kostl          LIKE pa0001-kostl,      *"Cost Center "+RM130916*  
  *\*      nmf01 LIKE pa0028-nmf01,*  
  *\*      nmf02 LIKE pa0028-nmf02,*  
  *\*      bankl LIKE pa0009-bankl,      "BANK KEY*  
  *\*      bkort LIKE pa0009-bkort,       "BANK BRANCH*  
  *\*      rt\_date LIKE pa0000-begda,   "RETIREMENT DATE*  
  *\*      ausbi LIKE pa0022-ausbi,       "EDUCATION*  
  *\*      rg\_date LIKE pa0000-begda,    "RESIGNATION DATE*  
  *\*      pf\_no LIKE pa0185-icnum,      "PF NUMBER*  
  *\*      dat35 LIKE pa0035-dat35,      "DISCIPLINARY ACTION DATE*  
  *\*      r\_text LIKE t591s-stext,      "REASON FOR ACTION*  
  *\*      comment TYPE string,          "COMMENT*  
            stat2          TYPE ps0000-stat2,  
            p\_state        LIKE t005u-bezei,  
            c\_state        LIKE t005u-bezei,  
            werks          LIKE pa0001-werks,    *"+RM200713  PERSONNEL AREA*  
            abkrs          LIKE pa0001-abkrs,    *"+RM200713  PAYROLL AREA*  
            ltext          TYPE kltxt,           *"Cost Center Description*  
            plans          TYPE pa0001-plans,    *"+RM220916 Position Number*  
            stell          TYPE pa0001-stell,    *"+RM040117 job id*  
            pernr\_rep      LIKE pa0000-pernr,        *"Reporting to EMP code +RM070417*  
            yy6mhead(20)   TYPE c,                            *"+RM310518*  
            yy6mdept(20)   TYPE c,                            *"+RM310518*  
            yygrdept(20)   TYPE c,                            *"+RM310518*  
            massg          LIKE t530t-mgtxt,         *"+RM280718 reason*  
  *\*          yypersa        TYPE pa0001-yypersa, ""Added by shri-p 09-08-2020*  
          END OF t\_final.  
    DATA : ls\_master LIKE LINE OF lt\_master.  
    DATA : lv\_date TYPE dats.  
  *\*  LV\_DATE = SY-DATUM - 1.   -pk*  
    lv\_date = sy-datum.   *" +pk*  
    
    CALL TRANSACTION 'ZHR\_FM\_MASTER' AND SKIP FIRST SCREEN.  
    IMPORT t\_final FROM MEMORY ID 'HRMRFC'.  
    FREE MEMORY ID 'HRMRFC'.  
    LOOP AT t\_final INTO DATA(ls\_final).  
      SELECT SINGLE persg FROM pa0001 INTO @DATA(lv\_exist)  
  *\*      WHERE pernr = @ls\_final-pernr AND persg = 'A'.*  
        WHERE pernr = @ls\_final-pernr AND persg IN ('A','B').*" +pk20102019*  
      IF sy-subrc NE 0.  
        CONTINUE.  
      ENDIF.  
  *\*>>>>>>>>>>>>>>>>>>>>>>>>>>>.Report To>>>>>>>>>>>>>>>>>>>>>>>>>.*  
      SELECT SINGLE varyf FROM hrp1001  
          INTO  @DATA(lv\_varyf)  
         WHERE objid = @ls\_final-plans  
        AND endda GE @lv\_date                                 *"'20190527'*  
           AND plvar = '01'  
           AND rsign = 'A'  
           AND relat = '002'  
          AND otype = 'S'.  
    
      SELECT SINGLE pernr  
        FROM pa0001  
        INTO @DATA(lv\_pernr)  
  *\*      FOR ALL ENTRIES IN T\_PA0000*  
       WHERE plans = @lv\_varyf+2(08) *"PERNR = LS\_FINAL-PERNR*  
         AND endda GE @lv\_date                                *"'99991231'*  
  *\*    AND PERSG EQ 'A'.*  
     AND persg IN ('A','B').*" +pk20102019*  
    
      SELECT SINGLE pernr  
   FROM pa0002  
   INTO @DATA(lv\_report\_to)  
  WHERE pernr = @lv\_pernr  
  AND endda GE @lv\_date .*" '99991231'.*  
  *\*>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>END REPORT TO>>>>>>>>>>>>>>>>*  
  *\**  
  *\*>>>>>>>>>>>>>>>>>>>>>>>>>>>.Apraiser>>>>>>>>>>>>>>>>>>>>>>>>>.*  
      IF lv\_report\_to IS NOT INITIAL.  
        SELECT SINGLE plans FROM pa0001 INTO @DATA(lv\_plans)  
          WHERE pernr = @lv\_report\_to AND begda LE @sy-datum AND endda GE @sy-datum.  
        SELECT SINGLE varyf FROM hrp1001  
            INTO  @DATA(lv\_varyf2)  
           WHERE objid = @lv\_plans  
          AND endda GE @lv\_date *"SY-DATUM "'20190527'*  
             AND plvar = '01'  
             AND rsign = 'A'  
             AND relat = '002'  
            AND otype = 'S'.  
    
        SELECT SINGLE pernr  
          FROM pa0001  
          INTO @DATA(lv\_pernr2)  
  *\*      FOR ALL ENTRIES IN T\_PA0000*  
         WHERE plans = @lv\_varyf2+2(08) *"PERNR = LS\_FINAL-PERNR*  
           AND endda GE @lv\_date                              *"'99991231'*  
  *\*      AND persg EQ 'A'.*  
            AND persg IN ('A','B'). *" +pk20102019*  
    
        SELECT SINGLE pernr  
     FROM pa0002  
     INTO @DATA(lv\_apraiser)  
    WHERE pernr = @lv\_pernr2  
    AND endda GE @lv\_date .*"'99991231'.*  
      ENDIF.  
  *\*>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>END Apraiser>>>>>>>>>>>>>>>>*  
    
    
  *\*>>>>>>>>>>>>>>>>>>>>>>>>>>>.Reviewer>>>>>>>>>>>>>>>>>>>>>>>>>.*  
      IF lv\_apraiser IS NOT INITIAL.  
        SELECT SINGLE plans FROM pa0001 INTO @DATA(lv\_plans2)  
          WHERE pernr = @lv\_apraiser AND begda LE @sy-datum AND endda GE @sy-datum.  
        SELECT SINGLE varyf FROM hrp1001  
            INTO  @DATA(lv\_varyf3)  
           WHERE objid = @lv\_plans2  
          AND endda GE @lv\_date *"SY-DATUM "'20190527'*  
             AND plvar = '01'  
             AND rsign = 'A'  
             AND relat = '002'  
            AND otype = 'S'.  
    
        SELECT SINGLE pernr  
          FROM pa0001  
          INTO @DATA(lv\_pernr3)  
  *\*      FOR ALL ENTRIES IN T\_PA0000*  
         WHERE plans = @lv\_varyf3+2(08) *"PERNR = LS\_FINAL-PERNR*  
           AND endda GE @lv\_date                              *"'99991231'*  
  *\*      AND PERSG EQ 'A'.*  
            AND persg IN ('A','B').*" +pk20102019 for associate*  
    
        *"BOC +PK05112019*  
        IF lv\_pernr3 IS INITIAL.  
    
          SELECT SINGLE MAX( endda ) FROM pa0001 INTO @DATA(lv\_endda)  
          WHERE plans = @lv\_varyf3+2(08)  
            AND endda NE '99991231'  
  *\*           AND PERSG EQ 'A'.*  
              AND persg IN ('A','B').*" +pk20102019 for associate*  
    
          SELECT SINGLE pernr  
            FROM pa0001  
            INTO @lv\_pernr3  
            WHERE plans = @lv\_varyf3+2(08)  
             AND endda GE @lv\_endda  
  *\*          AND PERSG EQ 'A'.*  
             AND persg IN ('A','B').*" +pk20102019 for associate*  
    
        ENDIF.  
    
        *"EOC +PK05112019*  
    
        SELECT SINGLE pernr  
     FROM pa0002  
     INTO @DATA(lv\_reviewer)  
    WHERE pernr = @lv\_pernr3  
    AND endda GE @lv\_date .*"'99991231'.*  
      ENDIF.  
  *\*>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>END Reviewer>>>>>>>>>>>>>>>>*  
    
    
      ls\_master-sr\_no = sy-tabix.  
      ls\_master-report\_date = ls\_final-doj. *"SY-DATUM.  "Reporting Date*  
      ls\_master-pernr = ls\_final-pernr.   *"Personel Number*  
      ls\_master-name = ls\_final-f\_nam.   *"Full Name*  
      ls\_master-emp\_level = ls\_final-ptext.  *"Employee Level*  
      ls\_master-email\_id = ls\_final-usrid\_long.  *"Official Email ID*  
      ls\_master-mobile\_no = ls\_final-mob.    *"Mobile No*  
      ls\_master-level = ls\_final-ptext.  *" Level*  
      ls\_master-gender = ls\_final-gtext.   *"Gender*  
      ls\_master-designation = ls\_final-plstx.   *"Designation*  
      ls\_master-unit = ls\_final-werks.    *"Personed Area*  
      ls\_master-f\_name = ls\_final-yy6mhead.  *"Function Name*  
      ls\_master-d\_name = ls\_final-orgtx.    *"Department Name*  
      ls\_master-dob = ls\_final-gbdat.    *"Date Of Birth   "DOB*  
      ls\_master-doj = ls\_final-doj.      *"DOJ   "Date Of Joining*  
      ls\_master-last\_p\_date = sy-datum. *"LS\_FINAL-PERNR.   "Last Promotion date*  
      ls\_master-mrg\_date = ls\_final-mrg\_date.   *"DATE OF MARRAIGE*  
      ls\_master-rpt\_name = lv\_report\_to . *"LS\_FINAL-PERNR\_REP.    "Reporting*  
  *\*    LS\_MASTER-APRAISER = LV\_APRAISER .   "Appraiser " -pk06012020*  
      ls\_master-apraiser = lv\_report\_to .   *"Appraiser   " +pk06012020*  
      ls\_master-reviewer = lv\_reviewer .   *"Reviewer " -pk06012020*  
      ls\_master-reviewer = lv\_apraiser .   *"Reviewer " +pk06012020*  
      *"For Inactive Check*  
      *" BOC BY PREM*  
  *\*    SELECT SINGLE ENDDA FROM PA0000 INTO LS\_FINAL-DOL*  
  *\*      WHERE PERNR = LS\_FINAL-PERNR*  
  *\*      AND AEDTM = LV\_DATE*  
  *\*      AND MASSN = 'MK'.*  
      *" EOC BYPREM*  
  *\*      AND ENDDA GE LV\_DATE*  
  *\*      AND STAT2 EQ '3'*  
  *\*      AND MASSG = '02'.  "For Inactive Check*  
      ls\_master-dol = ls\_final-dol .   *"Date Of Leaving*  
      CONDENSE : ls\_master-rpt\_name, ls\_master-apraiser, ls\_master-reviewer, ls\_master-pernr .  
      SHIFT ls\_master-rpt\_name LEFT DELETING LEADING '0'.  
      SHIFT ls\_master-apraiser LEFT DELETING LEADING '0'.  
      SHIFT ls\_master-reviewer LEFT DELETING LEADING '0'.  
      SHIFT ls\_master-pernr LEFT DELETING LEADING '0'.  
    
    
      APPEND ls\_master TO lt\_master.  
      CLEAR  : lv\_report\_to, lv\_apraiser, lv\_reviewer,ls\_master,  
      lv\_pernr,  
  lv\_pernr2,  
  lv\_varyf3,  
  lv\_plans2,  
  lv\_pernr3,lv\_exist, lv\_varyf,lv\_varyf2  .  
    ENDLOOP.  
    
    BREAK developer.  
    IF lt\_master[] IS NOT INITIAL.  
      DATA : p\_file TYPE string. *" RLGRAP-FILENAME . "STRING .*  
      CONCATENATE 'C:\HR\_MASTER\HR\_MASTER' sy-datum sy-uzeit '.XLS' INTO p\_file.  
    
  *\*CALL FUNCTION 'EXCEL\_OLE\_STANDARD\_DAT'*  
  *\*  EXPORTING*  
  *\*    FILE\_NAME                       = P\_FILE*  
  *\*\*   CREATE\_PIVOT                    = 0*  
  *\*   DATA\_SHEET\_NAME                 = 'SAP HR Master Data'*  
  *\*\*   PIVOT\_SHEET\_NAME                = ' '*  
  *\*\*   PASSWORD                        = ' '*  
  *\*\*   PASSWORD\_OPTION                 = 0*  
  *\* TABLES*  
  *\*\*   PIVOT\_FIELD\_TAB                 =*  
  *\*   DATA\_TAB                        = LT\_MASTER[]*  
  *\*\*   FIELDNAMES                      =*  
  *\* EXCEPTIONS*  
  *\*   FILE\_NOT\_EXIST                  = 1*  
  *\*   FILENAME\_EXPECTED               = 2*  
  *\*   COMMUNICATION\_ERROR             = 3*  
  *\*   OLE\_OBJECT\_METHOD\_ERROR         = 4*  
  *\*   OLE\_OBJECT\_PROPERTY\_ERROR       = 5*  
  *\*   INVALID\_PIVOT\_FIELDS            = 6*  
  *\*   DOWNLOAD\_PROBLEM                = 7*  
  *\*   OTHERS                          = 8*  
  *\*          .*  
  *\*IF SY-SUBRC <> 0.*  
  *\*\* Implement suitable error handling here*  
  *\*ENDIF.*  
    
    
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Serial No'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Reporting Date'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Personel No'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Full Name'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Level'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Official Email ID'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Mobile No'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Level'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Gender'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Designation'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Personnel Area'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Function Name'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Department name'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'DOB'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'DOJ'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Last Promotion Date'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Marrriage Date'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
      CLEAR it\_join\_fields.  
      it\_join\_fields-field\_name = 'Reporting'.  
      APPEND it\_join\_fields.  
      CLEAR it\_join\_fields.  
    
    
    
    
    
    
    
    
  *\*    CALL FUNCTION 'GUI\_DOWNLOAD'*  
  *\*      EXPORTING*  
  *\*\*       BIN\_FILESIZE            =*  
  *\*        FILENAME                = P\_FILE*  
  *\*        FILETYPE                = 'DAT' "'ASC'*  
  *\*\*       APPEND                  = ' '*  
  *\*        WRITE\_FIELD\_SEPARATOR   = ','*  
  *\*        HEADER                  = '00'*  
  *\*\*       TRUNC\_TRAILING\_BLANKS   = ' '*  
  *\*\*       WRITE\_LF                = 'X'*  
  *\*\*       COL\_SELECT              = ' '*  
  *\*\*       COL\_SELECT\_MASK         = ' '*  
  *\*\*       DAT\_MODE                = ' '*  
  *\*\*       CONFIRM\_OVERWRITE       = ' '*  
  *\*\*       NO\_AUTH\_CHECK           = ' '*  
  *\*\*       CODEPAGE                = ' '*  
  *\*\*       IGNORE\_CERR             = ABAP\_TRUE*  
  *\*\*       REPLACEMENT             = '#'*  
  *\*\*       WRITE\_BOM               = ' '*  
  *\*\*       TRUNC\_TRAILING\_BLANKS\_EOL       = 'X'*  
  *\*\*       WK1\_N\_FORMAT            = ' '*  
  *\*\*       WK1\_N\_SIZE              = ' '*  
  *\*\*       WK1\_T\_FORMAT            = ' '*  
  *\*\*       WK1\_T\_SIZE              = ' '*  
  *\*\*       WRITE\_LF\_AFTER\_LAST\_LINE        = ABAP\_TRUE*  
  *\*\*       SHOW\_TRANSFER\_STATUS    = ABAP\_TRUE*  
  *\*\*       VIRUS\_SCAN\_PROFILE      = '/SCET/GUI\_DOWNLOAD'*  
  *\*\*   IMPORTING*  
  *\*\*       FILELENGTH              =*  
  *\*      TABLES*  
  *\*        DATA\_TAB                = LT\_MASTER[]*  
  *\*        FIELDNAMES              = IT\_JOIN\_FIELDS[]*  
  *\*      EXCEPTIONS*  
  *\*        FILE\_WRITE\_ERROR        = 1*  
  *\*        NO\_BATCH                = 2*  
  *\*        GUI\_REFUSE\_FILETRANSFER = 3*  
  *\*        INVALID\_TYPE            = 4*  
  *\*        NO\_AUTHORITY            = 5*  
  *\*        UNKNOWN\_ERROR           = 6*  
  *\*        HEADER\_NOT\_ALLOWED      = 7*  
  *\*        SEPARATOR\_NOT\_ALLOWED   = 8*  
  *\*        FILESIZE\_NOT\_ALLOWED    = 9*  
  *\*        HEADER\_TOO\_LONG         = 10*  
  *\*        DP\_ERROR\_CREATE         = 11*  
  *\*        DP\_ERROR\_SEND           = 12*  
  *\*        DP\_ERROR\_WRITE          = 13*  
  *\*        UNKNOWN\_DP\_ERROR        = 14*  
  *\*        ACCESS\_DENIED           = 15*  
  *\*        DP\_OUT\_OF\_MEMORY        = 16*  
  *\*        DISK\_FULL               = 17*  
  *\*        DP\_TIMEOUT              = 18*  
  *\*        FILE\_NOT\_FOUND          = 19*  
  *\*        DATAPROVIDER\_EXCEPTION  = 20*  
  *\*        CONTROL\_FLUSH\_ERROR     = 21*  
  *\*        OTHERS                  = 22.*  
  *\*    IF SY-SUBRC <> 0.*  
  *\*\* Implement suitable error handling here*  
  *\*    ENDIF.*  
    
    
  *\*call method cl\_gui\_frontend\_services=>gui\_download*  
  *\*  exporting*  
  *\*    filename                = 'C:\HR\_MASTER\HR\_MASTER.xls'*  
  *\*    write\_field\_separator   = 'X'*  
  *\*  changing*  
  *\*    data\_tab                = LT\_MASTER[].*  
    
  *\*Internal table decleration for basic infotypes*  
      DATA: itab1       TYPE truxs\_t\_text\_data,  
            l\_slen      TYPE i,  
            lv\_user(30) TYPE c,  
            lv\_pwd(30)  TYPE c,  
            lv\_host(30) TYPE c,  
            c\_key       TYPE i VALUE 26101957.  
      DATA: to\_file TYPE char300.  
      DATA: mi\_handle TYPE i.  
    
    
      CALL FUNCTION 'SAP\_CONVERT\_TO\_TEX\_FORMAT'  
        EXPORTING  
          i\_field\_seperator    = ','  
          i\_line\_header        = 'X'  
        TABLES  
          i\_tab\_sap\_data       = lt\_master[] *" final file*  
  *\*       FIELDNAMES           = IT\_JOIN\_FIELDS[]  " for header file*  
        CHANGING  
          i\_tab\_converted\_data = itab1[]  
        EXCEPTIONS  
          conversion\_failed    = 1  
          OTHERS               = 2.  
      IF sy-subrc <> 0.  
        MESSAGE ID sy-msgid TYPE sy-msgty NUMBER sy-msgno  
        WITH sy-msgv1 sy-msgv2 sy-msgv3 sy-msgv4.  
      ENDIF.  
    
      lv\_user = 'hruser'.  *"'iotuser'.*  
      lv\_pwd  = 'tech2025'. *"'exit2018'.                                     "'iot2018'.*  
      lv\_host = '192.160.10.209'.  
    
      l\_slen = strlen( lv\_pwd ).  
    
      CALL FUNCTION 'HTTP\_SCRAMBLE'  
        EXPORTING  
          source      = lv\_pwd  
          sourcelen   = l\_slen  
          key         = c\_key  
        IMPORTING  
          destination = lv\_pwd.  
    
      CALL FUNCTION 'FTP\_CONNECT'  
        EXPORTING  
          user            = lv\_user *"Your SAP-UNIX FTP user name (case sensitive)*  
          password        = lv\_pwd  *"Your SAP-UNIX server host name (case sensitive)*  
          host            = lv\_host  
          rfc\_destination = 'SAPFTPA'   *"'SAPFTP'*  
        IMPORTING  
          handle          = mi\_handle  
        EXCEPTIONS  
          not\_connected   = 1  
          OTHERS          = 2.  
    
      CLEAR to\_file.  
  *\*    CONCATENATE  'hrtms/HR\_MASTER' '.csv' INTO TO\_FILE. "-PK12102019*  
      CONCATENATE 'hrtms/HR\_MASTER' sy-datum '.csv' INTO to\_file. *"+PK12102019*  
      CALL FUNCTION 'FTP\_R3\_TO\_SERVER'  
        EXPORTING  
          handle         = mi\_handle  
          fname          = to\_file          *"file path of destination system*  
          character\_mode = 'X'  
        TABLES  
          text           = itab1  
        EXCEPTIONS  
          tcpip\_error    = 1  
          command\_error  = 2  
          data\_error     = 3  
          OTHERS         = 4.  
    
      CALL FUNCTION 'FTP\_DISCONNECT'  
        EXPORTING  
          handle = mi\_handle.  
      CALL FUNCTION 'RFC\_CONNECTION\_CLOSE'  
        EXPORTING  
          destination          = 'SAPFTPA'  
  *\*       TASKNAME             =*  
        EXCEPTIONS  
          destination\_not\_open = 1  
          OTHERS               = 2.  
      IF sy-subrc <> 0.  
  *\* Implement suitable error handling here*  
      ENDIF.  
    
    
      CLEAR p\_file.  
    ENDIF.  
    
  ENDFUNCTION.