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IDENTIFICATION DIVISION.
PROGRAM-ID. TKW0110.
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SPECIAL-NAMES. DECIMAL-POINT IS COMMA.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    copy tk-FICON.SEL.
        SELECT FICONROL ASSIGN DISK, "$Datos\tkCONTRO.DAT"
            STATUS E-CO.
    copy tk-inter.sel.
        SELECT INTERRUPT ASSIGN DISK, "$Datos\tkINTERR.DAT"
            ORGANIZATION INDEXED RECORD KEY COD-IN
            ACCESS DYNAMIC STATUS E-IN.
    copy tkwrpv.sel.
        SELECT FISALIDA ASSIGN DISK, nfrpv
            ORGANIZATION LINE SEQUENTIAL STATUS E-FS.
data division.
FILE SECTION.
    copy tk-INTER.CPY.
*****
* Estructura del fichero de Tipos de interrupcion *
* longitud de registro = Nombre fisico = ARINTERR.DAT *
*****
FD INTERRUPT LABEL RECORD STANDARD.
01 RINTE.
    02 COD-IN.
        03 NINT-IN PIC 9(3).
    02 NOMB-IN PIC X(48).
    02 tipo-in PIC Xx.
    02 ACTPA-IN PIC 9(3).
    copy tk-FICON.CPY.
    copy tkwrpv.CPY.
FD FISALIDA LABEL RECORD STANDARD .
01 REGIS-FS PIC X(550).
WORKING-STORAGE SECTION.
    copy tkw0110.cpb.
    copy tkwrpv.WRK.
77 E-FS PIC XX VALUE SPACES.
01 nfrpv pic x(70).
01 PARAMETROS PIC X(1000).
01 RUN-UNIT-ID PIC X(8) COMP-5.
01 STACK-SIZE PIC X(4) COMP-5.
01 FLAGS PIC X(4) COMP-5 VALUE 1.
77 ESTADO PIC X(2) COMP-5.
*****RPV
01 name-length pic x(4) comp-5.
01 directory-name pic x(100).
77 FILE1 PIC X(70) VALUE SPACES.
77 FILE2 PIC X(70) VALUE SPACES.
01 tae.
    02 etae pic x occurs 200.
01 tae1.
    02 etae1 pic x occurs 200.
77 I1 PIC 99 VALUE 0.
77 J1 PIC 999 VALUE 0.
78 dialog-system VALUE "dsrun".
77 E-CO PIC XX.
77 E-IN PIC XX.
77 WCODQ1 PIC 9(3) VALUE ZEROS.
77 WCODQ2 PIC 9(3) VALUE ZEROS.
77 CMP-CLAVE PIC 9.
77 PI PIC X.
77 NL PIC 9(2) VALUE ZEROS.
77 FECDMA PIC 9(8) VALUE 0.
77 WPA PIC 99 VALUE 0.
77 WPAP PIC 99 VALUE 0.
01 WTITULO.
    02 T1 PIC X(40) VALUE "BD DE TIPOS DE INCIDENCIAS".
    02 nombem pic bbx(30).
01 TITULOAR.
    02 T1-AR PIC X(40) VALUE "INFORME DE INCIDENCIAS".
    02 nombem-AR pic bbx(30).

01 LCAINT PIC X(80) VALUE "| Codigo | Desc
- "ripcion |".
01 auxLDEINT.
    02 F PIC X VALUE spaces.
    02 auxICODIN PIC X(13).
01 LDEINT.
    02 F PIC X VALUE "|".
    02 ICODIN PIC X(13).
    02 F PIC X VALUE "|".

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02 IDEINT PIC X(50)B.
02 F PIC X VALUE "|".
01 WFECH.
02 WAN PIC 99.
02 WME PIC 99.
02 WDI PIC 99.
01 LG PIC X(80) VALUE ALL "-".
01 FECACT PIC 9(8) VALUE 0.
01 FECACT1 REDEFINES FECACT.
02 ANOA PIC 9999.
02 MESA PIC 99.
02 DIAA PIC 99.
01 WHMS.
02 WHM PIC 9(4).
02 F PIC XXXX.
01 lfhl1.
02 nombem-tit pic bbx(20).
02 f pic x(40) value spaces.
02 DDIAP1 PIC 99/ BLANK ZEROS.
02 DMESP1 PIC 99/ BLANK ZEROS.
02 DANOP1 PIC 99B.
02 EHOMI1 PIC Z9.99.
01 LCBL.
02 NEP PIC X(30) VALUE SPACES.
02 TLI PIC X(31).
02 F PIC X(04) VALUE SPACES.
02 FECHL PIC ZZ.ZZ.ZZ.
02 F PIC X(5) VALUE " Pg.".
02 PAGL PIC ZZ.
copy DS-CNTRL.MF.
77 CODIGO PIC X(20).
77 FICHERO PIC X(20).

PROCEDURE DIVISION using DS-CONTROL-BLOCK.
Main-Process.
    PERFORM Program-Initialize
    PERFORM Program-Body UNTIL CPB-exit-flag=true
    go Program-Terminate.
Program-Initialize.
    PERFORM FICO PERFORM MFHA.
    MOVE EMPRE-C TO NOMBEM, NOMBEM-AR.
    Initialize ds-control-block
    move "tkw0110" TO ds-set-name
    MOVE DS-PUSH-SET TO DS-CONTROL
    MOVE 1 TO DS-CONTROL-PARAM
    INITIALIZE CPB-DATA-BLOCK
    MOVE CPB-version-no TO ds-version-no
    move CPB-data-block-version-no to
        ds-data-block-version-no
    MOVE WTITULO TO CPB-TITULO.
    OPEN I-O interrup.
    IF E-IN = "35" OR "05" OPEN OUTPUT interrup
        CLOSE interrup OPEN I-O interrup
    ELSE IF E-IN NOT = "00"
        MOVE E-IN TO CPB-STA-W
        move "tkinterr.dat" TO CPB-NFIER
        move 0 to cpb-ok-flag
        MOVE "PERROR" TO DS-PROCEDURE
        PERFORM CALL-DS until cpb-ok-flag=true
        PERFORM PROGRAM-TERMINATE.
    PERFORM CALL-DS.

CALL-DS .
    CALL dialog-system USING ds-control-block,
        CPB-DATA-block.

Program-Body .
    EVALUATE TRUE
        WHEN CPB-BORRA-FLAG-TRUE PERFORM DELETE-RECORD
        WHEN CPB-CLEAR-FLAG-TRUE PERFORM CLEAR-RECORD
        WHEN CPB-LOAD-FLAG-TRUE
            PERFORM LOAD-RECORD THRU F-LOAD-RECORD
        WHEN CPB-LESI-FLAG-TRUE PERFORM NEXT-RECORD
        WHEN CPB-SAVE-FLAG-TRUE PERFORM SAVE-RECORD
        WHEN CPB-LEAN-FLAG-TRUE PERFORM LEAN-RECORD
        WHEN CPB-LIST-FLAG-TRUE PERFORM LIIN THRU F1-INTE
        WHEN CPB-CONSULTA-re-TRUE PERFORM CONSULTA-cli
    END-EVALUATE
    PERFORM CLEAR-FLAGS
    PERFORM CALL-DS.

consulta-cli.
    MOVE CPB-COD-in TO COD-in CODIGO
    MOVE "INTERRUPT" TO FICHERO

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call "tkCONSULTA" USING FICHERO CODIGO
IF CODIGO NOT = SPACES THEN
    MOVE CODIGO TO COD-IN
    read INTERRUPT
    unlock INTERRUPT
    MOVE COD-IN TO CPB-COD-IN
    PERFORM Set-Up-For-Refresh-Screen
    PERFORM CALL-DS.
LIIN. MOVE TITULOAR TO CPB-TITULOAR.
MOVE "FIRST-MONE" TO DS-PROCEDURE.
IIN1. INITIALIZE CPB-FLAG-GROUP.
PERFORM CALL-DS.
IF CPB-CANCEL-FLAG-TRUE GO F1-INTE.
IF NOT CPB-OK-FLAG-TRUE GO IIN1.
MOVE CPB-WCODQ1 TO WCODQ1.
MOVE CPB-WCODQ2 TO WCODQ2.
IF WCODQ2 = ZEROS MOVE 999 TO WCODQ2.
MOVE WCODQ1 TO COD-IN
START INTERRUPT KEY NOT LESS COD-IN
INVALID GO IIN1.
ACCEPT FECDMA FROM DATE.
IF WCODQ1 > WCODQ2 GO IIN1.

IF CPB-PORPAN-TRUE MOVE "LOAD-LINEA" TO DS-PROCEDURE
MOVE "P" TO PI.
IF CPB-PORIMP-TRUE MOVE "S" TO PI.
IIN3. MOVE "LISTADO DE INCIDENCIAS" TO TLI
MOVE FECDMA TO FECHL
IF PI = "S" PERFORM ABRIMP.
PERFORM POSINT. IF E-IN NOT = "00" GO F-INTE.
PERFORM LEEINT. IF E-IN NOT = "00" GO F-INTE.
PERFORM CABINT.
IIN4 . PERFORM MOVINT
PERFORM LEEINT. IF E-IN = "10" GO F-INTE.
IF NINT-IN > WCODQ2 GO F-INTE.
GO IIN4.
F-INTE. IF PI = "S" PERFORM CIERPV
ELSE
    INITIALIZE CPB-FLAG-GROUP
    PERFORM CALL-DS UNTIL CPB-OK-FLAG-TRUE OR
    CPB-CLICK-FLAG-TRUE.
    IF CPB-OK-FLAG-TRUE
        MOVE "RETORNO" TO DS-PROCEDURE
        GO IIN1.
    IF CPB-CLICK-FLAG-TRUE
        MOVE CPB-LINEA2 TO auxLDEINT
        MOVE auxICODIN TO CPB-COD-IN
        PERFORM LOAD-RECORD THRU F-LOAD-RECORD.
F1-INTE. EXIT.
POSINT. MOVE ZEROS TO COD-IN MOVE WCODQ1 TO COD-IN .
START INTERRUPT KEY NOT LESS COD-IN
INVALID MOVE "23" TO E-IN .
LEEINT. READ INTERRUPT NEXT AT END MOVE "10" TO E-IN.
if e-in not = "10" commit.
CABINT. ADD 1 TO WPA MOVE WPA TO PAGL
IF PI = "S" NEXT SENTENCE
ELSE MOVE lcb1 TO CPB-LINEA2
MOVE "ADD-LINEA" TO DS-PROCEDURE PERFORM CALL-DS
MOVE lcaint TO CPB-LINEA2
MOVE "ADD-LINEA" TO DS-PROCEDURE PERFORM CALL-DS.
MOVINT. MOVE COD-IN TO ICODIN MOVE NOMB-IN TO IDEINT.
IF PI = "P" MOVE LDEINT TO CPB-LINEA2
MOVE "ADD-LINEA" TO DS-PROCEDURE PERFORM CALL-DS
ELSE PERFORM IMLRPV.
ABRIMP. IF PI = "S" PERFORM ABRRPV.
Delete-Record.
PERFORM CLAVE-P-A-R
DELETE interrupt
PERFORM Clear-Record.
LEAN-Record.
PERFORM CLAVE-P-A-R
READ interrupt PREVIOUS.
PERFORM FILL-SCREEN-FROM-RECORD.
PERFORM SET-UP-FOR-REFRESH-SCREEN.
load-record.
PERFORM CLAVE-P-A-R
START interrupt KEY = COD-IN
INVALID START interrupt KEY > COD-IN
END-START
INITIALIZE CPB-DAT-FICH
MOVE COD-IN TO CPB-COD-IN
GO F-LOAD-RECORD

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END-START
READ interrupt NEXT
  AT END
    INITIALIZE CPB-DAT-FICH
    PERFORM CLAVE-R-A-P
END-READ
commit
PERFORM FILL-SCREEN-FROM-RECORD.
F-LOAD-RECORD.
  PERFORM Set-Up-For-Refresh-Screen.

Next-Record.
  PERFORM COMP-CLAVE.
  IF CMP-CLAVE NOT = 1
    PERFORM CLAVE-P-A-R
    START interrupt KEY NOT LESS COD-IN
    END-START
  END-IF.
  READ interrupt NEXT
    AT END
      perform clear-record
      INITIALIZE RINTE
    END-READ
    PERFORM FILL-SCREEN-FROM-RECORD.
    PERFORM Set-Up-For-Refresh-Screen.

Save-Record.
  PERFORM Fill-Record-From-Screen
  REWRITE RINTE
    INVALID KEY
      WRITE RINTE
    END-WRITE
  END-REWRITE.
  START interrupt KEY>=COD-IN
  END-START.

Clear-Flags.
  INITIALIZE CPB-FLAG-GROUP.

Clear-Record.
  INITIALIZE CPB-DAT-FICH COD-IN
  START interrupt KEY NOT LESS COD-IN
  END-START
  PERFORM Set-Up-For-Refresh-Screen.

COMP-CLAVE.
  IF COD-IN = CPB-COD-IN MOVE 1 TO CMP-CLAVE
  ELSE MOVE 0 TO CMP-CLAVE.

CLAVE-R-A-P.
  MOVE COD-IN TO CPB-COD-IN.

CLAVE-P-A-R.
  MOVE CPB-COD-IN TO COD-IN.

Fill-Record-From-Screen.
  PERFORM CLAVE-P-A-R.
  MOVE CPB-COD-IN TO COD-IN.
  MOVE CPB-NOMB-IN TO NOMB-IN.
  MOVE CPB-tipo-in TO tipo-in.

Fill-Screen-From-Record.
  PERFORM CLAVE-R-A-P.
  MOVE COD-IN TO CPB-COD-IN.
  MOVE NOMB-IN TO CPB-NOMB-IN.
  MOVE tipo-in TO CPB-tipo-in.

Set-Up-For-Refresh-Screen.
  MOVE "REFRESH-GS" TO ds-procedure.

ABRRPV.
  move "C:\TEMP\RPVDAINT.RPX" to nfrpv
  OPEN OUTPUT FISALIDA
  move "TEMPLATE=c:\temp\tkw0110.RPV"
    TO REGIS-FS WRITE REGIS-FS
  INITIALIZE REGIS-FS
  STRING "|titulos|" empre-c "|" tli
    "|" "Filtro:" wcodQ1 " " wcodQ2 "|"
    INTO REGIS-FS WRITE REGIS-FS.

CIerpv. CLOSE FISALIDA
  INITIALIZE PARAMETROS
  initialize flags tae tae1 move 200 to name-length
  call "CBL_GET_CURRENT_DIR" using by value flags
    by value name-length
    by reference directory-name
    returning estado
  move directory-name to tae move 1 to j1
  perform met varying i1 from 1 by 1 until (etae(i1) = " " and
    etae(i1 + 1) = low-values) or i1 > 200.

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move "\tkw0110.rpv" to tae
perform met varying i1 from 1 by 1 until i1 > 14
move tae1 to FILE1
MOVE "c:\TEMP\tkw0110.RPV" TO FILE2.
call "cbl_delete_file" using file2 returning estado.
call "cbl_copy_file" using file1 file2 returning estado
INITIALIZE PARAMETROS
MOVE "starter.exe C:\TEMP\RPVDAINT.RPx" TO PARAMETROS
CALL "CBL_EXEC_RUN_UNIT"
        USING PARAMETROS
        BY VALUE 100
        BY REFERENCE RUN-UNIT-ID
        BY VALUE      STACK-SIZE
        FLAGS
        RETURNING     ESTADO.
met. move etae(i1) to etae1(j1) add 1 to j1.
IMlrvp.
INITIALIZE REGIS-FS
STRING "|linea|" ICODIN "|" IDEINT "|" tipo-in "|"
        ACTPA-IN "|" INTO REGIS-FS WRITE REGIS-FS.
FICO.
OPEN INPUT FICONTROL. MOVE SPACES TO PROPI-C EMPRE-C .
READ FICONTROL AT END MOVE 10 TO E-CO .
CLOSE FICONTROL.

MFHA. ACCEPT FECACT FROM DATE yyyymmdd ACCEPT WHMS FROM TIME.
MOVE EMPRE-C TO nombem-tit.
MOVE ANOA TO DANOP1 MOVE MESA TO DMESP1
MOVE DIAA TO DDIAP1 MOVE WHM TO EHOMI1.

Program-Terminate.
CLOSE interrup.
MOVE DS-QUIT-SET TO DS-CONTROL
CALL dialog-system USING DS-CONTROL-BLOCK,
        CPB-DATA-BLOCK.
MOVE DS-CONTINUE TO DS-CONTROL.
goback.

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