**1.BANK TRANSACTION:WINDOW SUBFILE:SFLCSRRRN**

SEU==> TRAN1R

FMT FX FFilename++IPEASF.....L.....A.Device+.Keywords+++++++++++++++++++++++++

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Beginning of data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0001.00 FBANKMAST UF E K DISK

0002.00 FBANKTRAN O E K DISK

0003.00 FTRAN1D CF E WORKSTN SFILE(MSTSFL:RRN)

0004.00 DRRN S 3P 0 INZ(\*ZEROS)

0005.00 DNEWBAL S 12P 0 INZ(\*ZEROS)

0006.00 C EXSR FILLSFL

0007.00 C DOW NOT \*IN03

0008.00 C WRITE HEADER

0009.00 C WRITE FOOTER

0010.00 C EXFMT TRNENT

0011.00 C 03 LEAVE

0012.00 C 01 EXSR SHOWSFL

0013.00 C ACNO CHAIN MSTREC

0014.00 C IF NOT %FOUND

0015.00 C EVAL MSG='INVALID A/C NO.'

0016.00 C ITER

0017.00 C ENDIF

0018.00 C IF TRNTYPE='CR'

0019.00 C EVAL NEWBAL=BALANCE+TRNAMT

0020.00 C ENDIF

0021.00 C IF TRNTYPE='DR'

0022.00 C EVAL NEWBAL=BALANCE-TRNAMT

0023.00 C ENDIF

0023.01 C\*\* SAVE TRANSACTION.......

0024.00 C IF \*IN04

0025.00 C IF TRNTYPE='DR' AND NEWBAL<0

0026.00 C EVAL MSG='INSUFFICIENT BALANCE IN A/C'

0026.01 C ITER

0027.00 C ENDIF

0028.00 C EVAL BALANCE=NEWBAL

0029.00 C WRITE TRNREC

0030.00 C UPDATE MSTREC

0031.00 C CLEAR TRNENT

0032.00 C ENDIF

0033.00 C IF \*IN12

0034.00 C CLEAR TRNENT

0034.01 C ENDIF

0035.00 C ENDDO

0036.00 C EVAL \*INLR=\*ON

0036.01 C\*\* FILL SUBFILE BELOW

0036.02 C\*\* IT'S A SUBROUTINE

0037.00 C FILLSFL BEGSR

0038.00 C EVAL \*IN73=\*ON

0039.00 C WRITE MSTCTL

0040.00 C EVAL RRN=0

0041.00 C \*LOVAL SETLL MSTREC

0042.00 C READ MSTREC

0043.00 C DOW NOT %EOF

0044.00 C EVAL OPT=\*BLANK

0045.00 C EVAL RRN+=1

0046.00 C WRITE MSTSFL

0047.00 C READ MSTREC

0048.00 C ENDDO

0049.00 C MOVEA '010' \*IN(71)

0050.00 C IF RRN>0

0051.00 C MOVEA '110' \*IN(71)

0052.00 C ENDIF

0053.00 C ENDSR

0054.00 C SHOWSFL BEGSR

0055.00 C EXFMT MSTCTL

0055.01 C\*\* EXECUTE/DISPLAY THE MASTER A/C LIST

0055.03 C CRRN CHAIN MSTSFL

0061.00 C ENDSR

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**2.RUNTIMER PROGRAM USING %XFOOT**

SEU==> RUNTIMER

FMT D DName+++++++++++ETDsFrom+++To/L+++IDc.Keywords+++++++++++++++++++++++++

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Beginning of data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0001.00 DNUMARY S 3P 0 DIM(100)

0002.00 DSUM S 5P 0 INZ(0)

0003.00 C 1 DO 100 X 3 0

0004.00 C EVAL NUMARY(X)=X

0005.00 C ENDDO

0006.00 C NUMARY(85) DSPLY

0007.00 C EVAL SUM=%XFOOT(NUMARY)

0008.00 C SUM DSPLY

0009.00 C EVAL \*INLR=\*ON

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**3.RECORD NAVIGATION WITH SETLL,READ,READE**

SEU==> NAVIGATE1R

FMT D DName+++++++++++ETDsFrom+++To/L+++IDc.Keywords+++++++++++++++++++++++++

0005.00 DM3 C CONST('NO SUCH EMP-ID')

0006.00 DM4 C CONST('RECORD HAS BEEN DELETED')

0007.00 C \*LOVAL SETLL EMPREC

0008.00 C READ EMPREC

0009.00 C DOW NOT \*IN03

0010.00 C WRITE HEADER

0011.00 C WRITE FOOTER

0011.01 C EVAL DOJUDF=%CHAR(%SUBDT(DOJ:\*D))+'-'+

0011.02 C MTHNM(%SUBDT(DOJ:\*M))+'-'+

0011.03 C %CHAR(%SUBDT(DOJ:\*Y))

0012.00 C EXFMT NAVSCR

0013.00 C 03 LEAVE

0014.00 C\* SELECT BLOCK MAKES SWITCH-CASE IN RPG..EACH WHEN DEFINES 1 CASE

0015.00 C SELECT

0016.00 C WHEN \*IN04

0017.00 C\* GOTO TO TOP OF FILE

0018.00 C \*LOVAL SETLL EMPREC

0019.00 C READ EMPREC

0020.00 C WHEN \*IN05

0020.01 C\* GOTO BOTTOM OF FILE

0021.00 C \*HIVAL SETLL EMPREC

0022.00 C READP EMPREC

0023.00 C WHEN \*IN06

0023.01 C\*\* GOTO PREV REC

0024.00 C READP EMPREC

0025.00 C IF %EOF

0026.00 C \*LOVAL SETLL EMPREC

0027.00 C READ EMPREC

0028.00 C EVAL MSG=MSGARY(1)

0029.00 C ENDIF

0030.00 C WHEN \*IN07

0031.00 C READ EMPREC

0032.00 C IF %EOF

0033.00 C \*HIVAL SETLL EMPREC

0034.00 C READP EMPREC

0035.00 C EVAL MSG=MSGARY(2)

0036.00 C ENDIF

0037.00 C WHEN \*IN08

0037.01 C\*\* SEARCH.... DISPLAY WINDOW ACCEPT KEY VALUE AND SEARCH 8issearchkey

0038.00 C EXFMT EMPIDQRY

0039.00 C QEMPID CHAIN EMPREC

0040.00 C IF NOT %FOUND

0041.00 C EVAL MSG=MSGARY(3)

0042.00 C ENDIF

0043.00 C WHEN \*IN09

0044.00 C DELETE EMPREC

0045.00 C READ EMPREC

0046.00 C ENDSL

0047.00 C ENDDO

0048.00 C EVAL \*INLR=\*ON

0049.00 \*\* CTDATA

0050.00 you are already at top

0051.00 you are alreadt at bottom

0052.00 no such empid.....

0053.00 record has been deleted

0054.00 \*\*

0055.00 JANFEBMARAPRMAYJUN

0056.00 JULAUGSEPOCTNOVDEC

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**4.RLU FIRST PROGRAM (SALARY REPORT)**

SEU==> SALREPOR

FMT FX FFilename++IPEASF.....L.....A.Device+.Keywords+++++++++++++++++++++++++

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Beginning of data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0001.00 FEMPMAIN IF E K DISK

0002.00 FSALREPOP O E PRINTER OFLIND(\*IN95)

0003.00 C WRITE HEAD1

0004.00 C WRITE HEAD2

0005.00 C \*LOVAL SETLL EMPREC

0006.00 C READ EMPREC

0007.00 C DOW NOT %EOF

0008.00 C EVAL TOTSAL=TOTSAL+SALARY

0009.00 C WRITE DETAIL

0010.00 C 95 WRITE HEAD1

0011.00 C 95 WRITE HEAD2

0011.01 C 95 EVAL \*IN95=\*OFF

0011.02 C READ EMPREC

0012.00 C ENDDO

0013.00 C WRITE GRAND

0014.00 C EVAL \*INLR=\*ON

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*