**LAB 4 - PROGRAM CLLE MENU**

/\* https://www.ibm.com/developerworks/community/forums/ \*/

/\* html/topic?id=8edcab38-0d50-4553-835c-b653c6aa9954 \*/

/\* CHECK LINK ABOVE TO FIX THE SIZE LIMIT FOR COLUMNS IN WHITE SCREEN \*/

DclF LAB4DSP /\* Screen file \*/

DCL &PRVSIGN \*CHAR 13

DCL &RTNUSRPRF \*CHAR 10

DCL &Date \*Char 13

DCL &Time \*Char 10

DCL &PWDEXPITV \*Char 6

DCL &ACTJOB \*DEC ( 5 0 )

DCL &ACTJOBC \*CHAR 5

DCL &MSGQLIB \*Char 10

DCL &MSGQ \*CHAR 10

SndRcvf

DoWhile (&In30 = '0')

CallSubr INITIALIZE

Select

When (&Option = '1' \*or &option = '01') CallSubr +

OPTION1

When (&Option = '2' \*or &option = '02') CallSubr +

OPTION2

When (&Option = '3' \*or &option = '03') CallSubr +

OPTION3

When (&Option = '4' \*or &option = '04') CallSubr +

OPTION4

When (&Option = '5' \*or &option = '05') CallSubr +

OPTION5

Otherwise ChgVar &in30 '1'

EndSelect

SndRcvf

Enddo

/\* ----------------------------------------------------------- \*/

SUBR INITIALIZE

ChgVar &In30 '0'

ENDSUBR

/\* ----------------------------------------------------------- \*/

/\* ----------------------------------------------------------- \*/

SUBR OPTION1 /\* 1. Run Highway Toll Program \*/

CALL HWYTOLLRPG

ENDSUBR

/\* ----------------------------------------------------------- \*/

/\* ----------------------------------------------------------- \*/

SUBR OPTION2 /\* 2. Password Expiry Interval \*/

RTVSYSVAL SYSVAL(QPWDEXPITV) RTNVAR(&PWDEXPITV)

CHGVAR VAR(&MsgTxt) VALUE('The password interval is ' +

\*BCAT (&PWDEXPITV) )

ENDSUBR

/\* ----------------------------------------------------------- \*/

/\* ----------------------------------------------------------- \*/

SUBR OPTION3 /\* 3. Signed on Users Message Queue \*/

RTVUSRPRF MSGQ(&MSGQ) MSGQLIB(&MSGQLIB)

CHGVAR VAR(&MSGTXT) VALUE('Signed on users message +

queue: ' \*BCAT &MSGQLIB \*TCAT '/' \*CAT &MSGQ)

ENDSUBR

/\* ----------------------------------------------------------- \*/

/\* ----------------------------------------------------------- \*/

SUBR OPTION4 /\* 4. Initial number of active jobs \*/

RTVSYSVAL SYSVAL(QACTJOB) RTNVAR(&ACTJOB)

CHGVAR &ACTJOBC &ACTJOB /\* convert decimal var to char \*/

CHGVAR VAR(&MsgTxt) VALUE('The initial number of +

active jobs is ' \*BCAT (&ACTJOBC) )

ENDSUBR

/\* ----------------------------------------------------------- \*/

/\* ----------------------------------------------------------- \*/

SUBR OPTION5 /\* 5. Previous sign on by user \*/

RTVUSRPRF RTNUSRPRF(&RTNUSRPRF) PRVSIGN(&PRVSIGN)

/\* PRVSIGN previous sign, RTNUSRPRF return user \*/

CHGVAR VAR(&Date) VALUE(%SST(&PRVSIGN 4 2) \*CAT '/' +

\*CAT %SST(&PRVSIGN 6 2) \*CAT '/' \*CAT +

%SST(&PRVSIGN 2 2))

CHGVAR VAR(&Time) VALUE(%SST(&PRVSIGN 8 2) \*CAT ':' +

\*CAT %SST(&PRVSIGN 10 2) \*CAT ':' \*CAT +

%SST(&PRVSIGN 12 2))

CHGVAR VAR(&MsgTxt) VALUE('Previous sign on for user ' +

\*BCAT &RTNUSRPRF \*BCAT 'was on' \*CAT &Date +

\*BCAT &Time)

ENDSUBR

/\* ---------------------------------------------------------- \*/

ENDPGM

**LAB4 - PROGRAM DISPLAY DSPF**

A\*%%TS SD 20190116 152633 PANGBORN REL-V7R2M0 5770-WDS

A\*%%EC

A DSPSIZ(24 80 \*DS3)

A R RECORD1

A\*%%TS SD 20190116 152633 PANGBORN REL-V7R2M0 5770-WDS

A CA03(03 'Exit')

A 1 3'Student Name'

A 1 38'Lab 4'

A 2 3' '

A 5 3'Please select one of the following-

A options:'

A 7 14'1. Run Highway Toll Program'

A 8 14'2. Password Expiry Interval'

A 9 14'3. Signed on Users Message Queue'

A 10 14'4. Initial number of active jobs -

A for storage allocation'

A 11 14'5. Previous sign on by signed on -

A user'

A 15 17'Option:'

A 23 17'F21=Comand Line '

'

A OPTION 2A B 15 25VALUES('1' '2' '3' '4' '5' '6' '01'

'02' '03' '04' '05' '06')

A 30 DSPATR(RI)

A 30 DSPATR(PC)

MSGTXT 70A O 21 6

A 23 4'F3=Exit'

A 30 15 32'Valid option must be entered'

