IBC233 Review 2

RPG and Display file Review

Your program uses a display file called MOVIEDSPF with the following attributes:

```
        Calculate Movie Tickets                    MM/DD/YY
                                                   hh:mm:ss
           Number of adults: 999                   UUUUUUUUU
         Number of children: 999


           Amount Owing: 66,666.66


F3=Exit
```

RECORD1

Field/Constant	Definition	Indicator used	Purpose of Indicator or Keyword
HH/DD/YY	system constant		
hh:mm:ss	system constant		
UUUUUUUUUU	system constant		
Number of adults			
adults	3S 0		
Number of children			
children	3S 0		

RECORD2

Field/Constant	Definition	Indicator used	Purpose of Indicator or keyword
			OVERLAY
Amount Owing			
amount	7S 2		
F3=Exit	CA03	*in03	

Write the RPG program that uses the above display file MOVIEDF with the record format RECORD1.
Movie Ticket prices as follows:
Adults : $11.00
children: $ 6.00

Your program should display record 1 for entry. When the operator presses enter, the amount owing should be calculated.
Record1 should be displayed and Record 2 displayed for entry. When the operator presses enter again, Record1 is
displayed for entry. This cycle repeats until F3 is pressed.

Be sure to comment your code.


```
Enter the code for the file description:

            File        File         End of        File                  File
 Filename   Type        Designation    File        Addition   Sequence   Format    Device     Keywords


 _____    _           _             _            _          __         _         _____     _____
```

CL commands and Syntax:

Command	Parameter keyword(s)
ADDLIBLE	LIB POSITION
CALL	PGM PARM
CALLPRC	PRC PARM RTNVAL
CHGCURLIB	CURLIB
CHGLIBL	LIBL CURLIB
CHGVAR	VAR VALUE
CHKOBJ	OBJ OBJTYPE MBR AUT
DCL	VAR TYPE LEN VALUE
DCLF	FILE RCDFMT OPNID
DO	
DSPDBR	FILE OUTPUT
DSPFD	FILE TYPE OUTPUT FILEATR
DSPFFD	FILE OUTPUT
DOFOR	VAR FROM TO BY
DOUNTIL	COND
DOWHILE	COND
DSPMSG	
DSPSPLF	SPLNBR(*LAST)
DSPSYSVAL	QSTSMSG QSVRAUTITV QSYSLIBL QTHDRSCADJ QTHDRSCAFN QTIME
EDTLIBL	
ELSE	CMD
ENDDO	
ENDPGM	
ENDSELECT	
GOTO	CMDLBL
GRTOBJAUT	OBJ OBJTYPE ASPDEV USER AUT AUTL REFOBJ REFOBJTYPE REFASPDEV REPLACE
IF	COND THEN
MONMSG	MSGID(CPF0864) CMPDTA EXEC
PGM	PARM
OTHERWISE	CMD
OVRDBF	LVLCHK
OVRPRTF	SPLFNAME
RCVF	DEV RCDFMT OPNID WAIT
RMVLIBLE	LIB
RTVOBJD	SYSLVL
RTVSYSVAL	SYSVAL RTNVAR
RTVUSRPRF	RTNUSRPRF TEXT MAXSTG STGUSED PWDEXPITV NOTVLDSIGN OUTQ
RUNQRY	QRY QRYFILE OUTTYPE OUTFORM RCDSLT
RVKOBJAUT	OBJ OBJTYPE ASPDEV

	USER AUT AUTL
SELECT	
SNDMSG	MSG TOUSR
SNDUSRMSG	MSGRPY
SELECT	
SNDMSG	MSG TOUSR
SNDPGMMSG	MSG
SNDRCVF	DEV RCDFMT OPNID WAIT
SNDUSRMSG	MSG MSGID MSGF MSGDTA VALUES DFT MSGTYPE TOMSGQ TOUSR MSGRPY TRNTBL CCSID
WHEN	COND THEN
WRKOUTQ	OUTQ
WRKSPLF	
String Handling	
%SST(&FIELDA offset length) &STRINGA *CAT &STRINGB &STRINGA *BCAT &STRINGB &STRINGA *TCAT &STRINGB	
Indicators	&IN03

RPG Verbs, Functions and Special Values

RPG	Attribute
%EOF	File Name
%TRIM	Field Name
DOU	Condition
DOW	Condition
ENDDO	
ENDIF	
ENDSL	
EXCEPT|	Record name
EXFMT	Record name
OTHER	
READ	File Name
RETURN	
SELECT	
WRITE	Record Name
WHEN	Condition
*ENTRY	
PLIST	
PARM	
*IN03	
EXSR	
BEGSR	
ENDSR	
*INLR = *ON	