BCI433 Test Review

Question 1: Create physical file using DDS

Write the DDS Code to create an object that stores Customer Information. The object should have the following attributes:

- A number that uniquely identifies the customer. The number should store 1 digit in one byte. This is the primary key to the file.
- A name. The name should store 30 letters and or numbers.
- A date that stores the last time that the customer was contacted.
- An account balance to store how much money the customer has on account. The account balance should be able to store the number 99999.99 and store two digits in one byte.

DDS Program

```
T.Name++++++RLen++TDp.......Functions+++++++++++++++++++++++++
```

_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____
_ _____   _____   _____   _____

Question 2: RPG Programming

A display file called **MOVIEDSPF** has been created and available for your program. The display file has the following attributes:

```
              Calculate Movie Tickets                    MM/DD/YY
                                                         hh:mm:ss
                  Number of adults: 999                  UUUUUUUUUU
                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 is displayed for entry. When the operator presses enter again, Record1 is displayed for entry. This cycle repeats until F3 is pressed.

Note:

- You must use free form file declaration to declare the display file
- Be sure to comment your code.

<u>RPG Program</u>