MAFD Lab #5

The purpose of this lab is to write the read program which will allow users to inquire for accounts using the account number.

Start out by creating a new mapset / map (as shown below) named DCXXX1. You do not need to precisely follow the suggested positioning (e.g. I won’t be counting spaces). HOWEVER, you will need to make sure that the beginning of all input fields lineup AND that the screen is easy to read (appropriate use of white space). The appropriate field sizes are shown with the X’s. The ACCT. NUMBER field is unprotected, all others are ASKIP. Compile and test your new map as you did with the Menu map.

YOUR A C C O U N T I N Q U I R Y S C R E E N

NAME ===========================================

ACCT. NUMBER : XXXXX

TITLE : XXXX

FIRST NAME : XXXXXXXXXXXXXXX

SURNAME : XXXXXXXXXXXXXXX

ADDRESS : XXXXLINE 1 XXXXXXXXX

XXXXLINE 2 XXXXXXXXX

STATUS : X

LIMIT : XXXXXXXXX

MESSAGE AREA

Once you are happy with your map then start on the read program. The program name is DCXXXPGR (PGR for short, and the trans id is XXX1. The program should work as follows:

1. Once the initial map is displayed, the user will enter the student number.
2. When PGR starts and receives the map, perform basic validation (5 long & numeric) on the account number.
   1. Provide specific error messages when input is invalid.
   2. Do not allow processing to occur.
3. Use the account number to EXEC CICS READ from ACCTFILE.
   1. If you find the record on ACCTFILE, then move the fields from the record layout variables to the O fields from your map and display it.
   2. If it's NOTFND, display an appropriate message.
4. I have provided a ACCTFILE record layout as an attachment for use through out your CICS applications. This will allow all of your programs to interpret records from the ACCTFILE in a consistent fashion.
5. As shown in the ACCTFILE layout the default record prefix is ‘XXX’, which I placed on my records. You must use that prefix for now. At a later time when you are adding your own records to ACCTFILE this will change.
6. Some valid student numbers that are on STUFILE now are 00001, 00002 up to 00009
7. If the user enters XXXXX as the account number, your program should exit.

DUE DATE: Dec 18th 11pm