

ONLINE PROGRAMMING LAB 2

The purpose of this lab is to write the inquiry program.

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Rownum
....5....1....1....2....2....3....3....4....4....5....5....6....6....7..
      0      5      0      5      0      5      0      5      0      5      0      5      0

1
2  YOUR                      I N Q U I R Y      S C R E E N
3  NAME                      =====
4
5                      STUDENT NUMBER: XXXXXXXX
6
7          COURSE CODES:   1) XXXX XXXX
8                          2) XXXX XXXX
9                          3) XXXX XXXX
10                         4) XXXX XXXX
11                         5) XXXX XXXX
12
13          STUDENT NAME   : XXXXXXXXXXXXXXXXXXXX
14
15          ADDRESS       : XXXXLINE 1 XXXXXXXXXXXX
16                        XXXXLINE 2 XXXXXXXXXXXX
17                        XXXXLINE 3 XXXXXXXXXXXX
18                        XXX XXX
19
20          PHONE: ( XXX ) XXX - XXXX
21
22          MESSAGE AREA
23
24
```

Start out by creating a new mapset / map as shown above. The appropriate field sizes are shown with the X's. The Mapset name is XXMAP2. The STUDENT NUMBER field is unprotected, all others are Askip. Compile and test your new map as you did with the Menu map.

Once you are happy with your map then start on the program. The program name is XXPRGI, and the transid is XX02. The program processes as follows:

1. When the map is displayed, the user will enter the student number. After basic edits (7 long & numeric) use the student number to EXEC CICS READ from STUFILE. If you find the record on STUFILE, then move the fields from WS to the O fields on the screen and display the screen. If it's NOTFND, display an appropriate message.
2. The 5 Course Code fields are each 8 characters long. It is your choice to display them as either 2 4-character fields, or 1 8-character field. If you choose 1 8-

character field there will be less MOVE statements in your program, but when you later edit this field it will be more difficult. Either display method is fine with me.

3. I have provided a STUFILE record layout as an attachment for this lab. This the record format that you must use because I have already created records for you using this layout.
4. As shown in the STUFILE 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 STUFILE this will change.
5. Some valid student numbers that are on STUFILE now are 0000001, 0000002 up to 0000009, as well as 7-of a-kind (all 1's, all 2's, etc.)

DUE DATE: TBA