

INSERT DISKETTE INTO DRIVE B:  
Press any key to continue...

Command

|<C:>|

|

|

|

Caps

COPYING DATABASE FILE TO DISKETTE

Command

|<C:>|

|

|

|

Caps

COPY COMPLETE

Press any key to continue...

Command

|<C:>|

|

|

|

## DOCUMENTATION FOR THE CREATE DATABASE OPTION

YOU WILL SEE	YOU WILL DO
1. The Main Menu will appear displaying the six menu options and the option to exit.	1. Type a 6 to create a new database and press Enter.
2. A screen will appear asking the user to type in the name of the new database to create.	2. Type in the 3 character abbreviation for the quarter and the last two digits of the year of the new quarter and press enter. (AUT87 is an example of the Autumn quarter of 1987.)
3. If the database does not already exist, a screen will appear asking the user if the displayed database name is the one the user wishes to create. If a database already exists by the given name, a screen will appear saying that the given database name already exists and press any key to continue and return to the Main Menu.	3. Type a Y if the displayed database name is correct and press Enter. When the database is created, a screen will appear saying 'DATABASE CREATED' and press any key to continue and return to the Main Menu. Press Enter if the displayed database name is incorrect or the user decides not to create a database. A screen will appear saying 'DATABASE NOT CREATED' and press any key to continue and return to the Main Menu.

DATABASE CREATE PROCEDURE

ENTER NEW DATABASE NAME: AUT88

Command

|<C:>|

|

|

|

IS THIS THE DATABASE YOU WISH TO CREATE? AUT88 Y

Command

|<C:>|

|

|

|

DATABASE CREATED

Press any key to continue...

Command

|<C:>|

|

|

|



ENTER NEW DATABASE NAME: AUT88

Command

|<C:>|

|

|

|

IS THIS THE DATABASE YOU WISH TO CREATE? AUT88 N

Command

|<C:>|

|

|

|

DATABASE NOT CREATED

Press any key to continue...

Command

|<C:>|

|

|

|

## DATABASE STRUCTURES

Structure for database: A:zstudent.dbf

Number of data records: 6

Date of last update : 07/23/86

Field	Field Name	Type	Width	Dec
1	SSN	Character	11	
2	FNAME	Character	10	
3	LNAME	Character	15	
4	ADDR	Character	20	
5	CITY	Character	15	
6	STATE	Character	2	
7	ZIP	Character	5	
8	PHONE	Character	12	
9	DEGREE	Character	20	
** Total **			111	

Structure for database: A:zfaculty.dbf

Number of data records: 5

Date of last update : 07/21/86

Field	Field Name	Type	Width	Dec
1	SSN	Character	11	
2	FNAME	Character	10	
3	LNAME	Character	15	
4	PHONE	Character	4	
5	OFFNO	Character	4	
6	FACNO	Character	3	
** Total **			48	

Structure for database: A:zregis.dbf

Number of data records: 0

Date of last update : 07/01/86

Field	Field Name	Type	Width	Dec
1	SSN	Character	11	
2	FNAME	Character	10	
3	LNAME	Character	15	
4	REFNO	Character	4	
5	DEPTNAME	Character	5	
6	DEPTNO	Character	3	
7	CRSNO	Character	3	
8	SECNO	Character	3	
9	CRHRS	Character	1	
10	CRSNAME	Character	12	
11	FACNO	Character	3	
12	FACNAME	Character	18	
13	TYPE	Character	1	
14	COMMENTS	Character	50	
**	Total	**	140	

PROGRAM PRINTOUTS



=====

DOCUMENTATION OF DATABASE FILES, INDEX FILES, PROGRAM NAMES,  
AND FORMAT FILE NAMES USED IN THIS SYSTEM.

=====

MAIN MENU - ZMMENU.PRG

1. STUDENT INFORMATION - ZSMENU.PRG

Database: ZSTUDENT.DBF  
Index: ZS\_SSN (indexed on SSN)

Programs Used:

ZSADD.FMT  
ZSCHG.FMT  
ZSDEL.FMT

2. FACULTY INFORMATION - ZFMENU.PRG

Database: ZFACULTY.DBF  
Index: ZF\_FACNO (indexed on FACNO)

Programs Used:

ZFADD.FMT  
ZFCHG.FMT  
ZFDEL.FMT

3. REGISTRATION INFORMATION - ZRMENU.PRG

Database: &QTR (general)  
Index: &QTR (indexed on SSN+CRSNO)  
Report Form: TREPORT.FRM

Programs Used:

ZRADD.FMT  
ZRCHG.FMT  
ZRDEL.FMT  
ZRVIEW.PRG  
ZRPRINT.PRG

4. FACULTY CLASS LISTS - ZFRMENU.PRG

Database: &QTR (general), TEMP1  
Index: TNDX (indexed on FACNAME+CRSNO+LNAME+FNAME)  
Report Form: FREPORT.FRM

5. BACKUP DATABASES - ZBKUP.PRG

6. CREATE NEW DATABASE - ZCREATE.PRG

```
* Program..: ZMMENU.PRG
* Author...: K. RENEE HARRIS
* Date.....: 05/07/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes....:
* Reserved.: selectnum
*
```

```
SET TALK OFF
SET BELL OFF
SET STATUS ON
SET ESCAPE OFF
SET CONFIRM ON
SET COLOR TO G,R/G,N,N
```

```
DO WHILE .T.
```

```
* ---Display menu options, centered on the screen.
*   draw menu border and print heading
```

```
CLEAR
```

```
@ 1,25 SAY 'BALL STATE SCHOOL OF MUSIC'
```

```
@ 2, 0 TO 14,79 DOUBLE
```

```
@ 3,30 SAY [M A I N   M E N U]
```

```
@ 4,1 TO 4,78 DOUBLE
```

```
* ---display detail lines
```

```
@ 6,30 SAY [1. STUDENT INFORMATION]
```

```
@ 7,30 SAY [2. FACULTY INFORMATION]
```

```
@ 8,30 SAY [3. REGISTRATION INFORMATION]
```

```
@ 9,30 SAY [4. FACULTY CLASS LISTS]
```

```
@ 10,30 SAY [5. BACKUP DATABASES]
```

```
@ 11,30 SAY [6. CREATE NEW DATABASE]
```

```
@ 13,30 SAY '0. EXIT'
```

```
STORE 0 TO selectnum
```

```
@ 15,33 SAY " select      "
```

```
@ 15,42 GET selectnum PICTURE "9" RANGE 0,6
```

```
READ
```

```
DO CASE
```

```
  CASE selectnum = 0
```

```
    SET BELL ON
```

```
    SET TALK ON
```

```
    CLEAR ALL
```

```
    RETURN
```

```
  CASE selectnum = 1
```

```
*    DO STUDENT INFORMATION
```

```
    DO ZSMENU.PRG
```

```
  CASE selectnum = 2
```

```
*    DO FACULTY INFORMATION
```

```
    DO ZFMENU.PRG
```

```
  CASE selectnum = 3
```

```
*    DO REGISTRATION INFORMATION
```

```
    DO ZRMENU.PRG
```

```
  CASE selectnum = 4
```

```
*    DO FACULTY LOAD REPORTS
```

```
    DO ZFRMENU.PRG
```

```
  CASE selectnum = 5
```

```
*          DO DATABASE BACKUP
          DO ZBKUP.PRG

CASE selectnum = 6
*          CREATE NEW DATABASE
          DO ZCREATE.PRG

ENDCASE

ENDDO T
RETURN
* EOF: ZMENU.PRG
```

```
* Program...: ZSMENU.PRG
* Author...: K. RENEE HARRIS
* Date.....: 04/14/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes.....:
* Reserved.: selectnum
*
```

```
SET TALK OFF
SET BELL OFF
SET STATUS ON
SET ESCAPE OFF
SET CONFIRM ON
USE ZSTUDENT INDEX ZS_SSN
```

```
DO WHILE .T.
```

```
* ---Display menu options, centered on the screen.
*   draw menu border and print heading
CLEAR
@ 1,25 SAY 'BALL STATE SCHOOL OF MUSIC'
@ 2, 0 TO 14,79 DOUBLE
@ 3,22 SAY [S T U D E N T   I N F O R M A T I O N]
@ 4,1 TO 4,78 DOUBLE
* ---display detail lines
@ 7,30 SAY [1. ADD INFORMATION]
@ 8,30 SAY [2. CHANGE INFORMATION]
@ 9,30 SAY [3. REMOVE INFORMATION]
@ 10,30 SAY [4. REVIEW INFORMATION]
@ 12, 30 SAY '0. EXIT'
STORE 0 TO selectnum
@ 14,33 SAY " select      "
@ 14,42 GET selectnum PICTURE "9" RANGE 0,4
READ
```

```
DO CASE
```

```
  CASE selectnum = 0
    SET BELL ON
    SET TALK ON
    CLEAR ALL
    RETURN
```

```
  CASE selectnum = 1
```

```
  * DO ADD INFORMATION
  MAGAIN = 'Y'
  DO WHILE MAGAIN = 'Y'
    MSSN = '          '
    CLEAR
    @10,10 SAY 'PLEASE ENTER STUDENT SOCIAL SECURITY NUMBER'
    @10,54 GET MSSN PICTURE '999-99-9999'
    READ
    STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
    IF TSSN = '          '
      MAGAIN = 'N'
    LOOP
  ENDIF
  SEEK MSSN
  IF .NOT. EOF()
    CLEAR
```

```

    @10,10 SAY 'STUDENT SOCIAL SECURITY NUMBER ALREADY EXISTS'
    WAIT
ELSE
    SET FORMAT TO ZSADD.FMT
    APPEND
    REPLACE SSN WITH MSSN
    CLOSE FORMAT
    SET CONFIRM OFF
    STORE ' ' TO wait_subst
    @ 23,0 SAY 'Press any key to continue...' GET wait_subst
    READ
    SET CONFIRM ON
ENDIF
ENDDO

```

```

CASE selectnum = 2
* DO CHANGE INFORMATION
MSSN = ' '
CLEAR
@ 10,5 SAY 'PLEASE ENTER SOCIAL SECURITY NUMBER' GET MSSN PICTURE '999-
99-9999'
READ
STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
IF TSSN <> ' '
    SEEK MSSN
    IF .NOT. EOF()
        SET FORMAT TO ZSCHG.FMT
        EDIT
        CLOSE FORMAT
    ELSE
        CLEAR
        @ 10,5 SAY 'SOCIAL SECURITY NUMBER NOT FOUND'
    ENDIF
ENDIF
SET CONFIRM OFF
STORE ' ' TO wait_subst
@ 23,0 SAY 'Press any key to continue...' GET wait_subst
READ
SET CONFIRM ON

```

```

CASE selectnum = 3
* DO REMOVE INFORMATION
STORE ' ' TO MANS
MSSN = ' '
SET TALK ON
CLEAR
@ 10,5 SAY ' PLEASE ENTER SOCIAL SECURITY NUMBER' GET MSSN PICTURE '999
-99-9999'
READ
STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
IF TSSN <> ' '
    SEEK MSSN
    IF .NOT. EOF()
        SET FORMAT TO ZSDEL.FMT
        READ
        IF MANS = 'Y'
            DELETE
            CLEAR
            @10,5 SAY 'RECORD HAS BEEN DELETED'
        ELSE
            CLEAR
            @10,5 SAY 'RECORD NOT DELETED'
        ENDIF
    ELSE
        CLEAR
        @10,5 SAY 'SOCIAL SECURITY NUMBER NOT FOUND'
    ENDIF
ENDIF

```

```
ENDIF  
ENDIF  
CLOSE FORMAT  
SET TALK OFF  
SET CONFIRM OFF  
STORE ' ' TO wait_subst  
@ 23,0 SAY 'Press any key to continue...' GET wait_subst  
READ  
SET CONFIRM ON
```

```
CASE selectnum = 4
```

```
* DO REVIEW INFORMATION
```

```
GO TOP
```

```
BROWSE
```

```
SET CONFIRM OFF
```

```
STORE ' ' TO wait_subst
```

```
@ 23,0 SAY 'Press any key to continue...' GET wait_subst
```

```
READ
```

```
SET CONFIRM ON
```

```
ENDCASE
```

```
PACK
```

```
ENDDO T
```

```
RETURN
```

```
* EOF: ZSMENU.PRG
```

\* Program: ZSADD.FMT

```
@ 3, 10 SAY "FIRST NAME :"  
@ 3, 22 GET FNAME PICTURE '!!!!!!!!!!!!'  
@ 3, 36 SAY "LAST NAME :"  
@ 3, 47 GET LNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'  
@ 6, 10 SAY "SOCIAL SECURITY NO. :"  
@ 6, 32 SAY MSSN  
@ 9, 10 SAY "ADDRESS:"  
@ 9, 19 GET ADDR PICTURE '!!!!!!!!!!!!!!!!!!!!!!!!!!!!'  
@ 9, 43 SAY "CITY:"  
@ 9, 49 GET CITY PICTURE '!!!!!!!!!!!!!!!!!!!!'  
@ 9, 68 SAY "STATE:"  
@ 9, 75 GET STATE PICTURE '!!!'  
@ 12, 10 SAY "ZIP:"  
@ 12, 15 GET ZIP PICTURE '99999'  
@ 12, 25 SAY "PHONE:"  
@ 12, 32 GET PHONE PICTURE '999/999-9999'  
@ 15, 10 SAY "DEGREE:"  
@ 15, 18 GET DEGREE PICTURE '!!!!!!!!!!!!!!!!!!!!!!!!!!!!'  
@ 18, 10 SAY "PRESS CTRL-END AFTER ENTERING ALL OF STUDENT'S INFORMATION"
```

\* Program: ZSCHG.FMT

```
@ 3, 10 SAY "FIRST NAME:"
@ 3, 22 GET FNAME PICTURE '!!!!!!!!!!!!'
@ 3, 36 SAY "LAST NAME:"
@ 3, 47 GET LNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'
@ 6, 10 SAY "SOCIAL SECURITY NO.:"
@ 6, 31 GET SSN PICTURE '999-99-9999'
@ 9, 10 SAY "ADDRESS:"
@ 9, 19 GET ADDR PICTURE '!!!!!!!!!!!!!!!!!!!!!!!!!!!!'
@ 9, 43 SAY "CITY:"
@ 9, 49 GET CITY PICTURE '!!!!!!!!!!!!!!!!!!!!'
@ 9, 68 SAY "STATE:"
@ 9, 75 GET STATE PICTURE '!!!'
@ 12, 10 SAY "ZIP:"
@ 12, 15 GET ZIP PICTURE '99999'
@ 12, 24 SAY "PHONE:"
@ 12, 31 GET PHONE PICTURE '999/999-9999'
@ 15, 10 SAY "DEGREE:"
@ 15, 18 GET DEGREE PICTURE '!!!!!!!!!!!!!!!!!!!!!!!!!!!!'
@ 18, 10 SAY "PRESS CTRL-END TO SAVE AND EXIT; PRESS ESC TO EXIT"
```



\* Program: ZSDEL.FMT

@ 3,10 SAY "FIRST NAME:"  
@ 3,22 SAY ZSTUDENT->FNAME  
@ 3,36 SAY "LAST NAME:"  
@ 3,47 SAY ZSTUDENT->LNAME  
@ 6,10 SAY "SOCIAL SECURITY NO.:"  
@ 6,32 SAY ZSTUDENT->SSN  
@ 9,10 SAY "ADDRESS:"  
@ 9,19 SAY ZSTUDENT->ADDR  
@ 9,43 SAY "CITY:"  
@ 9,49 SAY ZSTUDENT->CITY  
@ 9,68 SAY "STATE:"  
@ 9,75 SAY ZSTUDENT->STATE  
@ 12,10 SAY "ZIP:"  
@ 12,15 SAY ZSTUDENT->ZIP  
@ 12,25 SAY "PHONE:"  
@ 12,32 SAY ZSTUDENT->PHONE  
@ 15,10 SAY "DEGREE:"  
@ 15,18 SAY ZSTUDENT->DEGREE  
@ 18,10 SAY "IS THIS THE RECORD YOU WISH TO DELETE? (Y/N)" GET MANS PICTURE '!'

```

* Program...: ZFMENU.PRG
* Author...: K. RENEE HARRIS
* Date.....: 04/14/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes....:
* Reserved.: selectnum
*

```

```

SET TALK OFF
SET BELL OFF
SET STATUS ON
SET ESCAPE OFF
SET CONFIRM ON
USE ZFACULTY INDEX ZF_FACNO

```

```

DO WHILE .T.

```

```

* ---Display menu options, centered on the screen.
*   draw menu border and print heading
CLEAR
@ 1,25 SAY 'BALL STATE SCHOOL OF MUSIC'
@ 2, 0 TO 14,79 DOUBLE
@ 3,22 SAY [F A C U L T Y   I N F O R M A T I O N]
@ 4,1 TO 4,78 DOUBLE
* ---display detail lines
@ 7,30 SAY [1. ADD INFORMATION]
@ 8,30 SAY [2. CHANGE INFORMATION]
@ 9,30 SAY [3. REMOVE INFORMATION]
@ 10,30 SAY [4. REVIEW INFORMATION]
@ 12, 30 SAY '0. EXIT'
STORE 0 TO selectnum
@ 14,33 SAY " select      "
@ 14,42 GET selectnum PICTURE "9" RANGE 0,4
READ

```

```

DO CASE

```

```

CASE selectnum = 0
    SET BELL ON
    SET TALK ON
    CLEAR ALL
    RETURN

```

```

CASE selectnum = 1

```

```

* DO ADD INFORMATION
MAGAIN = 'Y'
DO WHILE MAGAIN = 'Y'
    MFACNO = ' '
    CLEAR
    @10,10 SAY 'PLEASE ENTER FACULTY CODE NUMBER'
    @10,43 GET MFACNO PICTURE '999'
    READ
    IF MFACNO = ' '
        MAGAIN = 'N'
    LOOP
ENDIF
SEEK MFACNO
IF .NOT. EOF()
    CLEAR
    @10,19 SAY 'FACULTY NUMBER ALREADY EXISTS'

```

```

        WAIT
    ELSE
        SET FORMAT TO ZFADD.FMT
        APPEND
        REPLACE FACNO WITH MFACNO
        CLOSE FORMAT
        SET CONFIRM OFF
        STORE ' ' TO wait_subst
        @ 23,0 SAY 'Press any key to continue...' GET wait_subst
        READ
        SET CONFIRM ON
    ENDIF
ENDDO

```

```

CASE selectnum = 2
* DO CHANGE INFORMATION
    STORE ' ' TO MFACNO
    CLEAR
    @ 10,5 SAY 'PLEASE ENTER FACULTY CODE NUMBER' GET MFACNO PICTURE '999'
    READ
    IF MFACNO <> ' '
        SEEK MFACNO
        IF .NOT. EOF()
            SET FORMAT TO ZFCHG.FMT
            EDIT
            CLOSE FORMAT
        ELSE
            CLEAR
            @ 10,5 SAY 'FACULTY CODE NUMBER NOT FOUND'
        ENDIF
    ENDIF
    SET CONFIRM OFF
    STORE ' ' TO wait_subst
    @ 23,0 SAY 'Press any key to continue...' GET wait_subst
    READ
    SET CONFIRM ON

```

```

CASE selectnum = 3
* DO REMOVE INFORMATION

    STORE 'N' TO MANS
    STORE ' ' TO MFACNO
    SET TALK ON
    CLEAR
    @ 10,5 SAY ' PLEASE ENTER FACULTY CODE NUMBER' GET MFACNO PICTURE '999'
    READ
    IF MFACNO <> ' '
        SEEK MFACNO
        IF .NOT. EOF()
            SET FORMAT TO ZFDEL.FMT
            READ
            IF MANS = 'Y'
                DELETE
                CLEAR
                @10,5 SAY 'RECORD HAS BEEN DELETED'
            ELSE
                CLEAR
                @10,5 SAY 'RECORD NOT DELETED'
            ENDIF
        ELSE
            CLEAR
            @10,5 SAY 'FACULTY CODE NUMBER NOT FOUND'
        ENDIF
    ENDIF
    SET CONFIRM OFF
    STORE ' ' TO wait_subst
    @ 23,0 SAY 'Press any key to continue...' GET wait_subst
    READ
    SET CONFIRM ON

```

```
SET TALK OFF
SET CONFIRM OFF
STORE ' ' TO wait_subst
@ 23,0 SAY 'Press any key to continue...' GET wait_subst
READ
SET CONFIRM ON
```

```
CASE selectnum = 4
```

```
* DO REVIEW INFORMATION
```

```
GO TOP
```

```
BROWSE
```

```
SET CONFIRM OFF
```

```
STORE ' ' TO wait_subst
```

```
@ 23,0 SAY 'Press any key to continue...' GET wait_subst
```

```
READ
```

```
SET CONFIRM ON
```

```
ENDCASE
```

```
PACK
```

```
ENDDO T
```

```
RETURN
```

```
* EOF: ZFMENU.PRG
```

\* Program: ZFADD.FMT

```
@ 3,10 SAY "FIRST NAME:"  
@ 3,22 GET FNAME PICTURE '!!!!!!!!!!!!'  
@ 3,36 SAY "LAST NAME:"  
@ 3,47 GET LNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'  
@ 6,10 SAY "SOCIAL SECURITY NO.:"  
@ 6,32 GET SSN PICTURE '999-99-9999'  
@ 9,10 SAY "FACULTY CODE NUMBER:"  
@ 9,32 SAY MFACNO  
@ 12,10 SAY "OFFICE NUMBER:"  
@ 12,26 GET OFFNO PICTURE '!!!!'  
@ 12,35 SAY "PHONE NUMBER:"  
@ 12,50 GET PHONE PICTURE '9999'  
@ 15,10 SAY "PRESS CTRL-END AFTER ENTERING FACULTY INFORMATION"
```

\* Program: ZFCHG.FMT

```
@ 3,10 SAY "FIRST NAME:"  
@ 3,22 GET FNAME PICTURE '!!!!!!!!!!!!'  
@ 3,36 SAY "LAST NAME:"  
@ 3,47 GET LNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'  
@ 6,10 SAY "SOCIAL SECURITY NO.:"  
@ 6,32 GET SSN PICTURE '999-99-9999'  
@ 9,10 SAY "FACULTY CODE NUMBER:"  
@ 9,32 GET FACNO PICTURE '999'  
@ 12,10 SAY "OFFICE NUMBER:"  
@ 12,26 GET OFFNO PICTURE '!!!!'  
@ 12,35 SAY "PHONE NUMBER:"  
@ 12,50 GET PHONE PICTURE '9999'  
@ 14,10 SAY "PRESS CTRL-END TO SAVE AND EXIT; PRESS ESC TO EXIT"
```

\* Program: ZFDEL.FMT

```
@ 3,10 SAY "FIRST NAME:"  
@ 3,22 SAY ZFACULTY->FNAME  
@ 3,36 SAY "LAST NAME:"  
@ 3,47 SAY ZFACULTY->LNAME  
@ 6,10 SAY "SOCIAL SECURITY NO.:"  
@ 6,32 SAY ZFACULTY->SSN  
@ 9,10 SAY "FACULTY CODE NUMBER:"  
@ 9,32 SAY ZFACULTY->FACNO  
@ 12,10 SAY "OFFICE NUMBER:"  
@ 12,26 SAY ZFACULTY->OFFNO  
@ 12,35 SAY "PHONE NUMBER:"  
@ 12,50 SAY ZFACULTY->PHONE  
@ 15,10 SAY 'IS THIS THE RECORD YOU WISH TO DELETE?'  
@ 15,50 GET MANS PICTURE '!'
```

```
* Program..: ZRMENU.PRG
* Author...: K. RENEE HARRIS
* Date.....: 05/07/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes....:
* Reserved.: selectnum
*
```

```
SET TALK OFF
SET BELL OFF
SET DELETED ON
SET STATUS ON
SET CONFIRM ON
```

```
STORE ' ' TO QTR
CLEAR
@ 10,10 SAY 'WHICH QUARTER DO YOU WISH TO WORK WITH?' GET QTR PICTURE 'XXX99'
READ
IF QTR = ' '
    RETURN
ENDIF
```

```
STORE QTR+'.DBF' TO MQTR
IF .NOT. FILE(MQTR)
    CLEAR
    @ 10,10 SAY 'DATABASE FILE DOES NOT EXIST'
    WAIT
    RETURN
ENDIF
USE &QTR INDEX &QTR
```

```
DO WHILE .T.
```

```
* ---Display menu options, centered on the screen.
*   draw menu border and print heading
CLEAR
@ 1,25 SAY 'BALL STATE SCHOOL OF MUSIC'
@ 2, 0 TO 14,79 DOUBLE
@ 3,16 SAY [R E G I S T R A T I O N   I N F O R M A T I O N]
@ 4,1 TO 4,78 DOUBLE
* ---display detail lines
@ 7,10 SAY [1. ADD NEW INFORMATION]
@ 8,10 SAY [2. CHANGE INFORMATION]
@ 9,10 SAY [3. REMOVE INFORMATION]
@ 10,10 SAY [4. REVIEW INFORMATION]
@ 7,40 SAY [5. VIEW INFORMATION]
@ 8,40 SAY [6. PRINT INFORMATION]
@ 9,40 SAY [7. ADD CLASS]
@ 10,40 SAY [8. DROP CLASS]
```

```
@ 13, 30 SAY '0. EXIT'
STORE 0 TO selectnum
@ 15,33 SAY " select      "
@ 15,42 GET selectnum PICTURE "9" RANGE 0,8
READ
```

```
DO CASE
    CASE selectnum = 0
        SET BELL ON
```



```
SET TALK ON
CLEAR ALL
RETURN
```

```
CASE selectnum = 1
```

```
* DO ADD INFORMATION
```

```
MAGAIN = 'Y'
```

```
DO WHILE MAGAIN = 'Y'
```

```
  CLEAR
```

```
  MSSN = ' '
```

```
  MCRSNO = ' '
```

```
  @ 10,10 SAY 'PLEASE ENTER STUDENT SOCIAL SECURITY NUMBER'
```

```
  @ 10,54 GET MSSN PICTURE '999-99-9999'
```

```
  @ 12,10 SAY 'PLEASE ENTER COURSE NUMBER'
```

```
  @ 12,37 GET MCRSNO PICTURE '999'
```

```
  READ
```

```
  STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
```

```
  IF TSSN = ' ' .OR. MCRSNO = ' '
```

```
    MAGAIN = 'N'
```

```
  LOOP
```

```
ENDIF
```

```
SET FORMAT TO ZRADD.FMT
```

```
APPEND
```

```
REPLACE SSN WITH MSSN
```

```
REPLACE CRSNO WITH MCRSNO
```

```
REPLACE TYPE WITH 'N'
```

```
CLOSE FORMAT
```

```
SET CONFIRM OFF
```

```
STORE ' ' TO wait_subst
```

```
@ 23,0 SAY 'Press any key to continue...' GET wait_substr
```

```
READ
```

```
SET CONFIRM ON
```

```
ENDDO
```

```
CASE selectnum = 2
```

```
* DO CHANGE INFORMATION
```

```
STORE ' ' TO MSSN
```

```
STORE ' ' TO MCRSNO
```

```
CLEAR
```

```
@ 10,5 SAY 'PLEASE ENTER SOCIAL SECURITY NUMBER' GET MSSN PICTURE '999-  
99-9999'
```

```
@ 12,5 SAY 'PLEASE ENTER COURSE NUMBER' GET MCRSNO PICTURE '999'
```

```
READ
```

```
STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
```

```
IF TSSN <> ' ' .AND. MCRSNO <> ' '
```

```
  SEEK MSSN+MCRSNO
```

```
  IF .NOT. EOF()
```

```
    SET FORMAT TO ZRCHG.FMT
```

```
    EDIT
```

```
    CLOSE FORMAT
```

```
  ELSE
```

```
    CLEAR
```

```
    @ 10,5 SAY 'SOCIAL SECURITY AND/OR COURSE NUMBER NOT FOUND'
```

```
  ENDIF
```

```
ENDIF
```

```
SET CONFIRM OFF
```

```
STORE ' ' TO wait_subst
```

```
@ 23,0 SAY 'Press any key to continue...' GET wait_subst
```

```
READ
```

```
SET CONFIRM ON
```

```
SET COLOR TO G,R/G,N,N
```

```
CLEAR
```

```
CASE selectnum = 3
```

```
* DO REMOVE INFORMATION
```

```

MAGAIN = 'Y'
DO WHILE MAGAIN = 'Y'
  STORE ' ' TO MANS
  STORE ' ' TO MSSN
  STORE ' ' TO MCRSNO
  CLEAR
  @ 10,5 SAY ' PLEASE ENTER SOCIAL SECURITY NUMBER' GET MSSN PICTURE '99
9-99-9999'
  @ 12,5 SAY ' PLEASE ENTER COURSE NUMBER' GET MCRSNO PICTURE '999'
  READ
  STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
  IF TSSN <> ' ' .AND. MCRSNO <> ' '
    SEEK MSSN+MCRSNO
    STORE 'Y' TO FLAG
    DO WHILE FLAG = 'Y'
      IF .NOT. EOF()
        SET FORMAT TO ZRDEL.FMT
        READ
        IF MANS = 'Y'
          DELETE
          CLEAR
          @10,5 SAY 'RECORD HAS BEEN DELETED'
          FLAG = 'N'
          LOOP
        ELSE
          IF MANS = 'N'
            CLEAR
            @10,5 SAY 'RECORD NOT DELETED'
            FLAG = 'N'
            LOOP
          ELSE
            SKIP
            LOOP
          ENDIF
        ENDIF
      ELSE
        CLEAR
        @10,5 SAY 'SOCIAL SECURITY AND/OR COURSE NUMBER NOT FOUND'
        FLAG = 'N'
        LOOP
      ENDIF
    ENDDO
  CLOSE FORMAT
  SET TALK OFF
  SET CONFIRM OFF
  PACK
  STORE ' ' TO wait_subst
  @ 23,0 SAY 'Press any key to continue...' GET wait_subst
  READ
  SET CONFIRM ON
  ELSE
    MAGAIN = 'N'
    LOOP
  ENDIF
ENDDO

```

```

CASE selectnum = 4

```

```

* DO REVIEW INFORMATION

```

```

GO TOP

```

```

BROWSE

```

```

SET CONFIRM OFF

```

```

STORE ' ' TO wait_subst

```

```

@ 23,0 SAY 'Press any key to continue...' GET wait_subst

```

```

READ

```

```

SET CONFIRM ON

```

```

CASE selectnum = 5
* DO VIEW INFORMATION
  MAGAIN = 'Y'
  DO WHILE MAGAIN = 'Y'
    MSSN = ' '
    CLEAR
    @ 10,10 SAY 'PLEASE ENTER STUDENT SOCIAL SECURITY NUMBER' GET MSSN PICTURE '999-99-9999'
    READ
    STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
    IF TSSN = ' '
      MAGAIN = 'N'
    LOOP
  ENDIF
  DO ZRVIEW.PRG
  USE &QTR INDEX &QTR
ENDDO

```

```

CASE selectnum = 6
* DO PRINT COURSE INFORMATION
  MAGAIN = 'Y'
  DO WHILE MAGAIN = 'Y'
    MSSN = ' '
    CLEAR
    @ 10,10 SAY 'PLEASE ENTER STUDENT SOCIAL SECURITY NUMBER' GET MSSN PICTURE '999-99-9999'
    READ
    STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
    IF TSSN = ' '
      MAGAIN = 'N'
    LOOP
  ENDIF
  DO ZRPRINT.PRG
  USE &QTR INDEX &QTR
ENDDO

```

```

CASE selectnum = 7
* ADD A CLASS
  MAGAIN = 'Y'
  DO WHILE MAGAIN = 'Y'
    CLEAR
    MSSN = ' '
    MCRSNO = ' '
    @ 10,10 SAY 'PLEASE ENTER STUDENT SOCIAL SECURITY NUMBER'
    @ 10,54 GET MSSN PICTURE '999-99-9999'
    @ 12,10 SAY 'PLEASE ENTER COURSE NUMBER'
    @ 12,37 GET MCRSNO PICTURE '999'
    READ
    STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
    IF TSSN = ' ' .OR. MCRSNO = ' '
      MAGAIN = 'N'
    LOOP
  ENDIF
  SET FORMAT TO ZRADD.FMT
  APPEND
  REPLACE SSN WITH MSSN
  REPLACE CRSNO WITH MCRSNO
  REPLACE TYPE WITH 'A'
  CLOSE FORMAT
  SET CONFIRM OFF
  STORE ' ' TO wait_substr
  @ 23,0 SAY 'Press any key to continue...' GET wait_substr
  READ
  SET CONFIRM ON
ENDDO

```

```

CASE selectnum = 8
* DROP A CLASS
MAGAIN = 'Y'
DO WHILE MAGAIN = 'Y'
  CLEAR
  MANS = ' '
  MSSN = ' '
  MCRSNO = ' '
  @ 10,10 SAY 'PLEASE ENTER STUDENT SOCIAL SECURITY NUMBER'
  @ 10,54 GET MSSN PICTURE '999-99-9999'
  @ 12,10 SAY 'PLEASE ENTER COURSE NUMBER'
  @ 12,37 GET MCRSNO PICTURE '999'
  READ
  STORE SUBSTR(MSSN,1,3)+SUBSTR(MSSN,5,2)+SUBSTR(MSSN,8,4) TO TSSN
  IF TSSN = ' ' .OR. MCRSNO = ' '
    MAGAIN = 'N'
  LOOP
ENDIF
SEEK MSSN+MCRSNO
FLAG = 'Y'
DO WHILE FLAG = 'Y'
  IF EOF()
    CLEAR
    @ 10,10 SAY 'COURSE FOR STUDENT NOT FOUND'
    FLAG = 'N'
  LOOP
ELSE
  SET FORMAT TO ZRDEL.FMT
  READ
  IF MANS = 'Y'
    REPLACE TYPE WITH 'D'
    CLEAR
    @ 10,5 SAY 'COURSE HAS BEEN DROPPED'
    FLAG = 'N'
  LOOP
ELSE
  IF MANS = 'N'
    CLEAR
    @ 10,5 SAY 'COURSE NOT DROPPED'
    FLAG = 'N'
  LOOP
ELSE
  SKIP
  LOOP
ENDIF
ENDIF
ENDIF
ENDDO
CLOSE FORMAT
SET CONFIRM OFF
STORE ' ' TO wait_subst
@ 23,0 SAY 'Press any key to continue...' GET wait_subst
READ
SET CONFIRM ON
ENDDO
ENDCASE

PACK
ENDDO T
RETURN
* EOF: ZRMENU.PRG

```

```
* Program..: ZRVIEW.PRG
* Author...: K. RENEE HARRIS
* Date.....: 06/10/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes....:
* Reserved.: selectnum
*
```

```
SET SAFETY OFF
SET TALK OFF
SET BELL OFF
SET STATUS ON
SET ESCAPE OFF
SET CONFIRM ON
```

```
CLEAR
@ 2,0 TO 14,79 DOUBLE
@ 3,24 SAY [V I E W I N F O R M A T I O N]
@ 4,1 TO 4,78 DOUBLE
@ 7,30 SAY [1. VIEW ALL CLASSES]
@ 8,30 SAY [2. VIEW NEW CLASSES]
@ 9,30 SAY [3. VIEW ADD CLASSES]
@ 10,30 SAY [4. VIEW DROP CLASSES]
```

```
@ 12,30 SAY '0. EXIT'
STORE 0 TO selectnum
@ 14,33 SAY " select      "
@ 14,42 GET selectnum PICTURE "9" RANGE 0,4
READ
```

```
DO CASE
CASE selectnum = 0
RETURN

CASE selectnum = 1
* VIEW ALL CLASSES
CLEAR
COPY TO TEMP FOR MSSN = SSN
USE TEMP
IF RECCOUNT() = 0
CLEAR
@ 10,10 SAY 'NO CLASSES TO VIEW FOR STUDENT'
WAIT
ELSE
DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNO,
COMMENTS
WAIT
ENDIF
```

```
CASE selectnum = 2
* VIEW NEW CLASSES
CLEAR
COPY TO TEMP FOR MSSN=SSN .AND. TYPE = 'N'
USE TEMP
IF RECCOUNT() = 0
CLEAR
@ 10,10 SAY 'NO CLASSES TO VIEW FOR STUDENT'
WAIT
ELSE
DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNO,
COMMENTS
```

```
      WAIT
    ENDIF

CASE selectnum = 3
* VIEW ADD CLASSES
  CLEAR
  COPY TO TEMP FOR MSSN=SSN .AND. TYPE = 'A'
  USE TEMP
  IF RECCOUNT() = 0
    CLEAR
    @ 10,10 SAY 'NO CLASSES TO VIEW FOR STUDENT'
    WAIT
  ELSE
    DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNO,
COMMENTS
    WAIT
  ENDIF

CASE selectnum = 4
* VIEW DROP CLASSES
  CLEAR
  COPY TO TEMP FOR MSSN=SSN .AND. TYPE = 'D'
  USE TEMP
  IF RECCOUNT() = 0
    CLEAR
    @ 10,10 SAY 'NO CLASSES TO VIEW FOR STUDENT'
    WAIT
  ELSE
    DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNO,
COMMENTS
    WAIT
  ENDIF

ENDCASE

ZAP
USE
RETURN
```

```
* Program..: ZRFRINT.PRG
* Author...: K. RENEE HARRIS
* Date.....: 05/29/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes....:
* Reserved.: selectnum
*
```

```
SET SAFETY OFF
SET TALK OFF
SET BELL OFF
SET STATUS ON
SET ESCAPE OFF
SET CONFIRM ON
```

```
CLEAR
@ 2,0 TO 14,79 DOUBLE
@ 3,8 SAY [P R I N T   R E G I S T R A T I O N   I N F O R M A T I O N ]
@ 4,1 TO 4,78 DOUBLE
@ 7,30 SAY [1. PRINT ALL CLASSES]
@ 8,30 SAY [2. PRINT NEW CLASSES]
@ 9,30 SAY [3. PRINT ADD CLASSES]
@ 10,30 SAY [4. PRINT DROP CLASSES]
```

```
@ 12,30 SAY '0. EXIT'
STORE 0 TO selectnum
@ 14,33 SAY " select      "
@ 14,42 GET selectnum PICTURE "9" RANGE 0,4
READ
```

```
DO CASE
  CASE selectnum = 0
    RETURN

  CASE selectnum = 1
    * PRINT ALL CLASSES
    CLEAR
    SET PRINT ON
    ?CHR(15)
    COPY TO TEMP FOR MSSN = SSN
    USE TEMP
    IF RECCOUNT() = 0
      CLEAR
      @ 10,10 SAY 'NO CLASSES TO PRINT FOR STUDENT'
      SET PRINT OFF
      SET DEVICE TO SCREEN
      WAIT
    ELSE
      GO 1
      MFNAME = FNAME
      MLNAME = LNAME
      SET DEVICE TO PRINT
      @ 3,3 SAY MFNAME
      @ 3,14 SAY MLNAME
      @ 4,3 SAY MSSN
      * @ 5,1 SAY DATE()
      * @ 5,3 SAY QTR
      * @ 8,1 SAY ' '
      SET DEVICE TO SCREEN
      SET PRINT ON
```

## REPORT FORM TREPORT NOEJECT TO PRINT

```
*DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNAME,COMMENTS
```

```
ENDIF
```

```
?CHR(18)
```

```
??CHR(13)
```

```
SET PRINT OFF
```

```
SET DEVICE TO SCREEN
```

```
CASE selectnum = 2
```

```
* PRINT NEW CLASSES
```

```
CLEAR
```

```
SET PRINT ON
```

```
?CHR(15)
```

```
COPY TO TEMP FOR MSSN = SSN .AND. TYPE = 'N'
```

```
USE TEMP
```

```
IF RECCOUNT() = 0
```

```
  CLEAR
```

```
  @10,10 SAY 'NO CLASSES TO PRINT FOR STUDENT'
```

```
  WAIT
```

```
ELSE
```

```
  GO 1
```

```
  MFNAME = FNAME
```

```
  MLNAME = LNAME
```

```
  SET DEVICE TO PRINT
```

```
  @ 3,3 SAY MFNAME
```

```
  @ 3,14 SAY MLNAME
```

```
  @ 4,3 SAY MSSN
```

```
*   @ 5,5 SAY DATE()
```

```
  @ 5,3 SAY QTR
```

```
  @ 8,5 SAY ' '
```

```
*   SET DEVICE TO SCREEN
```

```
  SET PRINT ON
```

```
  REPORT FORM TREPORT NOEJECT TO PRINT
```

```
*DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNAME,COMMENTS
```

```
ENDIF
```

```
??CHR(13)
```

```
?CHR(18)
```

```
SET PRINT OFF
```

```
SET DEVICE TO SCREEN
```

```
CASE selectnum = 3
```

```
* PRINT ADD CLASSES
```

```
CLEAR
```

```
SET PRINT ON
```

```
?CHR(15)
```

```
COPY TO TEMP FOR MSSN = SSN .AND. TYPE = 'A'
```

```
USE TEMP
```

```
IF RECCOUNT() = 0
```

```
  @ 10,10 SAY 'NO CLASSES TO PRINT FOR STUDENT'
```

```
  WAIT
```

```
ELSE
```

```
  GO 1
```

```
  MFNAME = FNAME
```

```
  MLNAME = LNAME
```

```
  SET DEVICE TO PRINT
```

```
  @ 3,3 SAY MFNAME
```

```
  @ 3,14 SAY MLNAME
```

```
  @ 4,3 SAY MSSN
```

```
*   @ 5,5 SAY DATE()
```

```
  @ 5,3 SAY QTR
```

```
*   @ 8,5 SAY ' '
```

```
*   SET DEVICE TO SCREEN
```

```
  SET PRINT ON
```



```

        REPORT FORM TREPORT NOEJECT TO PRINT
*DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNAME,COMM
ENTS
        ENDIF
        ?CHR(18)
        ??CHR(13)
        SET PRINT OFF
        SET DEVICE TO SCREEN

CASE selectnum = 4
* PRINT DROP CLASSES
CLEAR
SET PRINT ON
?CHR(15)
COPY TO TEMP FOR MSSN = SSN .AND. TYPE = 'D'
USE TEMP
IF RECCOUNT() = 0
    @ 10,10 SAY 'NO CLASSES TO PRINT FOR STUDENT'
    WAIT
ELSE
    GO 1
    MFNAME = FNAME
    MLNAME = LNAME
    SET DEVICE TO PRINT
    @ 3,3 SAY MFNAME
    @ 3,14 SAY MLNAME
    @ 4,3 SAY MSSN
*    @ 5,5 SAY DATE()
*    @ 5,3 SAY QTR
*    @ 8,5 SAY ' '
    SET DEVICE TO SCREEN
    SET PRINT ON
    REPORT FORM TREPORT NOEJECT TO PRINT
*DISPLAY ALL FIELDS REFNO,DEPTNAME,DEPTNO,CRSNO,SECNO,CRHRS,CRSNAME,FACNAME,COMM
ENTS
        ENDIF
        ?CHR(18)
        ??CHR(13)
        SET PRINT OFF
        SET DEVICE TO SCREEN

ENDCASE

ZAP
USE
RETURN

```

\* Program: ZRADD.FMT

```
@ 3,10 SAY "FIRST NAME:"
@ 3,22 GET FNAME PICTURE '!!!!!!!!!!!!'
@ 3,36 SAY "LAST NAME:"
@ 3,47 GET LNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'
@ 5,10 SAY "SOCIAL SECURITY NO. :"
@ 5,32 SAY MSSN
@ 7,10 SAY "REFERENCE NO. :"
@ 7,26 GET REFNO PICTURE '9999'
@ 7,35 SAY "DEPARTMENT NAME:"
@ 7,52 GET DEPTNAME PICTURE '!!!!!!'
@ 9,10 SAY "DEPARTMENT NUMBER:"
@ 9,29 GET DEPTNO PICTURE '999'
@ 9,36 SAY "COURSE NUMBER:"
@ 9,51 SAY MCRSNO
@ 11,10 SAY "SECTION NUMBER:"
@ 11,26 GET SECNO PICTURE '999'
@ 11,33 SAY "CREDIT HOURS:"
@ 11,47 GET CRHRS PICTURE '9'
@ 13,10 SAY "COURSE NAME:"
@ 13,23 GET CRSNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'
@ 13,39 SAY "FACULTY NUMBER:"
@ 13,55 GET FACNO PICTURE '999'
@ 15,10 SAY "FACULTY INITIAL AND LAST NAME:"
@ 15,43 GET FACNAME PICTURE '!!!!!!!!!!!!!!!!!!!!!!!!!!!!'
@ 17,10 SAY "COMMENTS:"
@ 17,20 GET COMMENTS PICTURE '!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!'
@ 19,10 SAY "PRESS Ctrl-End WHEN FINISHED ENTERING INFORMATION"
```

\* Program: ZRCHG.FMT

```
@ 3,10 SAY "FIRST NAME:"
@ 3,22 GET FNAME PICTURE '!!!!!!!!!!!!'
@ 3,36 SAY "LAST NAME:"
@ 3,47 GET LNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'
@ 5,10 SAY "SOCIAL SECURITY NO. :"
@ 5,32 GET SSN PICTURE '999-99-9999'
@ 5,45 SAY "TYPE OF COURSE:"
@ 5,61 GET TYPE PICTURE '!'
@ 7,10 SAY "REFERENCE NO. :"
@ 7,26 GET REFNO PICTURE '9999'
@ 7,35 SAY "DEPARTMENT NAME:"
@ 7,52 GET DEPTNAME PICTURE '!!!!!!'
@ 9,10 SAY "DEPARTMENT NUMBER:"
@ 9,29 GET DEPTNO PICTURE '999'
@ 9,36 SAY "COURSE NUMBER:"
@ 9,51 GET CRSNO PICTURE '999'
@ 11,10 SAY "SECTION NUMBER:"
@ 11,26 GET SECNO PICTURE '999'
@ 11,33 SAY "CREDIT HOURS:"
@ 11,47 GET CRHRS PICTURE '9'
@ 13,10 SAY "COURSE NAME:"
@ 13,23 GET CRSNAME PICTURE '!!!!!!!!!!!!!!'
@ 13,39 SAY "FACULTY NUMBER:"
@ 13,55 GET FACNO PICTURE '999'
@ 15,10 SAY "FACULTY INITIAL AND LAST NAME:"
@ 15,43 GET FACNAME PICTURE '!!!!!!!!!!!!!!!!!!!!!!'
@ 17,10 SAY "COMMENTS:"
@ 17,20 GET COMMENTS PICTURE '!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!'
@ 19,10 SAY "PRESS CTRL-END TO SAVE AND EXIT; PRESS ESC TO EXIT"
```

\* Program: ZRDEL.FMT

@ 3,10 SAY "FIRST NAME:"  
@ 3,22 SAY FNAME  
@ 3,36 SAY "LAST NAME:"  
@ 3,47 SAY LNAME  
@ 5,10 SAY "SOCIAL SECURITY NO. :"  
@ 5,32 SAY SSN  
@ 5,45 SAY "TYPE OF COURSE:"  
@ 5,61 SAY TYPE  
@ 7,10 SAY "REFERENCE NO. :"  
@ 7,26 SAY REFNO  
@ 7,35 SAY "DEPARTMENT NAME:"  
@ 7,52 SAY DEPTNAME  
@ 9,10 SAY "DEPARTMENT NUMBER:"  
@ 9,29 SAY DEPTNO  
@ 9,36 SAY "COURSE NUMBER:"  
@ 9,51 SAY CRSNO  
@ 11,10 SAY "SECTION NUMBER:"  
@ 11,26 SAY SECNO  
@ 11,33 SAY "CREDIT HOURS:"  
@ 11,47 SAY CRHRS  
@ 13,10 SAY "COURSE NAME:"  
@ 13,23 SAY CRSNAME  
@ 13,39 SAY "FACULTY NUMBER:"  
@ 13,55 SAY FACNO  
@ 15,10 SAY "FACULTY INITIAL AND LAST NAME:"  
@ 15,43 SAY FACNAME  
@ 17,10 SAY "COMMENTS:"  
@ 17,20 SAY COMMENTS  
\*\*\*@ 19,10 SAY "PRESS CTRL-U TO DELETE A RECORD AND CTRL-END TO EXIT"  
@ 19,10 SAY 'IS THIS THE CORRECT COURSE ? '  
@ 19,50 GET MANS PICTURE '!'

```
* Program.: ZFRMENU.PRG
* Author.: K. RENEE HARRIS
* Date.: 06/17/86
* Notice.: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes.:
* Reserved.: selectnum
*
```

```
SET SAFETY OFF
SET TALK OFF
SET BELL OFF
*SET STATUS ON
SET ESCAPE OFF
SET CONFIRM ON
```

```
STORE ' ' TO QTR
CLEAR
@ 10,10 SAY 'WHICH QUARTER DO YOU WISH TO WORK WITH?' GET QTR PICTURE '!!!99'
READ
IF QTR = ' '
    RETURN
ENDIF
STORE QTR+'.DBF' TO MQTR
IF .NOT. FILE(MQTR)
    CLEAR
    @ 10,10 SAY 'DATABASE FILE DOES NOT EXIST'
    WAIT
    RETURN
ENDIF
```

```
DO WHILE .T.
USE &QTR
INDEX ON FACNAME+CRSNO+LNAME+FNAME TO TNDX
USE &QTR INDEX TNDX
CLEAR
*@ 2,0 TO 14,79 DOUBLE
@ 3,18 SAY IF A C U L T Y C L A S S L I S T M E N U
*@ 4,1 TO 4,78 DOUBLE
@ 7,30 SAY [1. VIEW FACULTY CLASS LIST]
@ 8,30 SAY [2. PRINT FACULTY CLASS LIST]
@ 10,30 SAY '0. EXIT'
STORE 0 TO selectnum
@ 12,33 SAY " select "
@ 12,42 GET selectnum PICTURE "9" RANGE 0,2
READ
```

```
DO CASE
CASE selectnum = 0
    RETURN

CASE selectnum = 1
* VIEW FACULTY LOAD REPORT
    CLEAR
    STORE ' ' TO MFACNAME
    @ 10,10 SAY 'ENTER FIRST INITIAL AND LAST NAME OF INSTRUCTOR:'
    @ 10,59 GET MFACNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'
    READ
    SEEK MFACNAME
    COPY TO TEMP1 FOR FACNAME = MFACNAME
    USE TEMP1
```

```
CLEAR
IF RECCOUNT() = 0
  CLEAR
  @ 10,10 SAY 'NO CLASSES TO PRINT FOR INSTRUCTOR'
  WAIT
ELSE
  DISPLAY ALL FIELDS Crsno,Lname,Fname OFF
  WAIT
ENDIF
```

```
CASE selectnum = 2
```

```
* PRINT FACULTY LOAD INFORMATION
```

```
CLEAR
STORE ' ' TO MFACNAME
@ 10,10 SAY 'ENTER FIRST INITIAL AND LAST NAME OF INSTRUCTOR:'
@ 10,59 GET MFACNAME PICTURE '!!!!!!!!!!!!!!!!!!!!'
READ
SEEK MFACNAME
COPY TO TEMP1 FOR FACNAME = MFACNAME
USE TEMP1
IF RECCOUNT() = 0
  CLEAR
  @ 10,10 SAY 'NO CLASSES TO PRINT FOR INSTRUCTOR'
  WAIT
ELSE
  CLEAR
  SET DEVICE TO PRINT
  @ 3,3 SAY MFACNAME
  * @ 4,3 SAY DATE()
  * @ 4,3 SAY QTR
  @ 8,1 SAY ' '
  SET DEVICE TO SCREEN
  SET PRINT ON
  REPORT FORM FREPORT NOEJECT TO PRINT
  * DISPLAY ALL FIELDS Crsno,Lname,Fname OFF TO PRINT
  ?? CHR(13)
  SET PRINT OFF
ENDIF
```

```
ENDCASE
```

```
ZAP
```

```
ENDDO T
USE
RETURN
```

```
* Program..: ZCREATE.PRG
* Author...: K. RENEE HARRIS
* Date.....: 07/01/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes....:
* Reserved.: selectnum
*
```

```
SET TALK OFF
SET BELL OFF
SET CONFIRM ON
```

```
STORE ' ' TO QTR
STORE 'N' TO MANS
CLEAR
@ 10,10 SAY 'ENTER NEW DATABASE NAME: ' GET QTR PICTURE '!!!99'
READ
IF QTR = ' '
    RETURN
ENDIF
STORE QTR+'.DBF' TO MQTR
IF FILE(MQTR)
    CLEAR
    @ 10,10 SAY 'DATABASE ALREADY EXISTS'
    WAIT
    RETURN
ENDIF
CLEAR
@ 10,10 SAY 'IS THIS THE DATABASE YOU WISH TO CREATE? '
@ 10,53 SAY QTR
@ 10,60 GET MANS PICTURE '!'
READ
IF MANS = 'Y'
    USE ZREGIS INDEX ZREGIS
    COPY STRUCTURE TO &QTR
    USE &QTR
    INDEX ON SSN+CRSNO TO &QTR
    USE
    CLEAR
    @ 10,10 SAY 'DATABASE CREATED'
    WAIT
ELSE
    CLEAR
    @ 10,10 SAY 'DATABASE NOT CREATED'
    WAIT
ENDIF
RETURN
```

```
* Program...: ZBKUP.PRG
* Author...: K. RENEE HARRIS
* Date.....: 07/01/86
* Notice...: Copyright (c) 1986, K. RENEE HARRIS, All Rights Reserved
* Notes....:
* Reserved.: selectnum
*
```

```
SET TALK OFF
SET BELL OFF
SET CONFIRM ON
USE
```

```
CLEAR
STORE ' ' TO QTR
@ 10,10 SAY 'ENTER DATABASE FILE TO BACKUP: '
@ 10,43 GET QTR PICTURE '!!!99'
READ
IF QTR = ' '
    RETURN
ENDIF
STORE QTR+'.DBF' TO MQTR
IF FILE(MQTR)
    CLEAR
    @ 10,10 SAY 'INSERT DISKETTE INTO DRIVE B:'
    WAIT
    CLEAR
    @ 10,10 SAY 'COPYING DATABASE FILE TO DISKETTE'
    COPY FILE &MQTR TO B:&MQTR
    STORE QTR+'.NDX' TO MQTR
    COPY FILE &MQTR TO B:&MQTR
    CLEAR
    @ 10,10 SAY 'COPY COMPLETE'
    WAIT
ELSE
    CLEAR
    @ 10,10 SAY 'DATABASE FILE DOES NOT EXIST'
    WAIT
ENDIF
RETURN
```