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* NUFILMNU.PRG

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* BY BILL BENNETT

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DEFINE WINDOW FILM FROM 01,00 TO 39,79 NONE COLOR GR+/R, W+/

DEFINE WINDOW SYNOPSIS FROM 19,2 TO 38,77

DEFINE WINDOW HISTORY FROM 11,6 TO 38,73

DEFINE WINDOW CATEGORY FROM 19,2 TO 38,77

DEFINE WINDOW FINDFILM FROM 15,6 TO 21,74

DEFINE WINDOW ADDFILM FROM 01,00 TO 39,79

DEFINE MENU FILMMENU

DEFINE PAD EXITMENU OF FILMMENU PROMPT "QUIT" AT 00,02 MESSAGE "Press <ENTER> To Return To The Main Menu."

DEFINE PAD ADD OF FILMMENU PROMPT "ADD" AT 00,07 MESSAGE "Press <ENTER> To Add Movies or To Film Database."

DEFINE PAD EDIT OF FILMMENU PROMPT "EDIT" AT 00,11 MESSAGE "Press <ENTER> To Edit Film Information."

DEFINE PAD FIND OF FILMMENU PROMPT "FIND" AT 00,16 MESSAGE "Press <ENTER> To Locate Film by Number or Title."

DEFINE PAD DELETE OF FILMMENU PROMPT "DEL" AT 00,21 MESSAGE "Press <ENTER> To Delete Film From Database?"

DEFINE PAD FIRST OF FILMMENU PROMPT "FIRST" AT 00,25 MESSAGE "Press <ENTER> To Go To First Record In Film Database."

DEFINE PAD FASTRWND OF FILMMENU PROMPT CHR(17) + CHR(17) AT 00,31 MESSAGE "Press <ENTER> To Quickly Scan To Beginning Of Database. Stop By Pressing Any Key."

DEFINE PAD BACKWARD OF FILMMENU PROMPT CHR(17) AT 00,34 MESSAGE "Press <ENTER> To Move To Previous Record."

DEFINE PAD BROWSE OF FILMMENU PROMPT "BROWSE" AT 00,36 MESSAGE "Press <ENTER> To View Film List In Browse Mode"

DEFINE PAD FORWARD OF FILMMENU PROMPT CHR(16) AT 00,43 MESSAGE "Press <ENTER> To Move To The Next Record."

DEFINE PAD FASTFRWD OF FILMMENU PROMPT CHR(16) + CHR(16) AT 00,45 MESSAGE "Press <ENTER> To Quickly Scan To End Of Database. Stop By Pressing Any Key."

DEFINE PAD LAST OF FILMMENU PROMPT "LAST" AT 00,48 MESSAGE "Press <ENTER> To Go To Last Record In Film Database."

DEFINE PAD INDEX OF FILMMENU PROMPT "SORT" AT 00,53 MESSAGE "Select Index With UP/DWN Arrow Keys. Press <ENTER> To Sort Films According To The Selected Index."

DEFINE PAD FILTER OF FILMMENU PROMPT "FILTER" AT 00,58 MESSAGE "Press <ENTER> To Select Filter."

DEFINE PAD HISTORY OF FILMMENU PROMPT "HISTORY" AT 00,65 MESSAGE "Press <ENTER> To View Rental History A Of This Film."

DEFINE PAD PRINT OF FILMMENU PROMPT "PRINT" AT 00,73 MESSAGE "Select Type of Report To Print With UP/DWN Arrow Keys, Then Press <ENTER>."

ON SELECTION PAD EXITMENU OF FILMMENU DEACTIVATE MENU

ON SELECTION PAD ADD OF FILMMENU DO ADDFILM

ON SELECTION PAD EDIT OF FILMMENU DO EDITFILM

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ON SELECTION PAD FIRST OF FILMMENU DO FIRST
ON SELECTION PAD FASTRWND OF FILMMENU DO FASTRWND
ON SELECTION PAD BACKWARD OF FILMMENU DO BACKWARD
ON SELECTION PAD BROWSE OF FILMMENU DO FILMLIST
ON SELECTION PAD FORWARD OF FILMMENU DO FORWARD
ON SELECTION PAD FASTFRWD OF FILMMENU DO FASTFRWD
ON SELECTION PAD FASTRWND OF FILMMENU DO FASTRWND
ON SELECTION PAD HISTORY OF FILMMENU DO HISTORY
ON SELECTION PAD LAST OF FILMMENU DO LAST
ON PAD DELETE OF FILMMENU ACTIVATE POPUP DELFILM
ON PAD FIND OF FILMMENU ACTIVATE POPUP FIND
ON PAD INDEX OF FILMMENU ACTIVATE POPUP INDEX
ON PAD PRINT OF FILMMENU ACTIVATE POPUP PRINT
DEFINE POPUP DELFILM FROM 01,21
DEFINE BAR 1 OF DELFILM PROMPT "Undelete" MESSAGE "Press <ENTER> to
UnDelete Current Film."
DEFINE BAR 2 OF DELFILM PROMPT "Delete" MESSAGE "Press <ENTER> to delete
Current Film."
DEFINE BAR 3 OF DELFILM PROMPT "Turn On" MESSAGE "Turn Delete Filter On
so that only Non-deleted Films Can Be Viewed."
DEFINE BAR 4 OF DELFILM PROMPT "Turn Off" MESSAGE "Turn Delete Filter Off
so that All Films Can Be Viewed."
DEFINE POPUP FIND FROM 01,16
DEFINE BAR 1 OF FIND PROMPT "Number" MESSAGE "Find a Film by Number."
DEFINE BAR 2 OF FIND PROMPT "Title" MESSAGE "Find a Film by Title."
DEFINE BAR 3 OF FIND PROMPT "Year" MESSAGE "Find a Film by Year of
Theatrical Release."
DEFINE BAR 4 OF FIND PROMPT "Star" MESSAGE "Find a Film by Star."
DEFINE BAR 5 OF FIND PROMPT "CoStar" MESSAGE "Find a Film by Costar."
DEFINE BAR 6 OF FIND PROMPT "CoStar2" MESSAGE "Find a Film by CoStar2."
DEFINE POPUP INDEX FROM 01,53
DEFINE BAR 1 OF INDEX PROMPT "Category" MESSAGE "Set Order of Film
Database to Category."
DEFINE BAR 2 OF INDEX PROMPT "Director" MESSAGE "Set Order of Film
Database to Director."
DEFINE BAR 3 OF INDEX PROMPT "Number" MESSAGE "Set Order of Film Database
to Code Number."
DEFINE BAR 4 OF INDEX PROMPT "Producer" MESSAGE "Set Order of Film
Database to Producer."
DEFINE BAR 5 OF INDEX PROMPT "Rentals" MESSAGE "Set Order of Film
Database to Times Rented."
DEFINE BAR 6 OF INDEX PROMPT "Star" MESSAGE "Set Order of Film Database
to Star."
DEFINE BAR 7 OF INDEX PROMPT "Title" MESSAGE "Set Order of Film Database
to Title."
DEFINE BAR 8 OF INDEX PROMPT "Writer" MESSAGE "Set Order of Film Database
to Writer."
DEFINE BAR 9 OF INDEX PROMPT "Year" MESSAGE "Set Order of Film Database
to Year of Theatrical Release."
DEFINE POPUP PRINT FROM 01,69
DEFINE BAR 1 OF PRINT PROMPT "Movie List" MESSAGE "Print a Movie List By
Alphabetical, Categorical or Numerical Listing."
DEFINE BAR 2 OF PRINT PROMPT "Rentals Report" MESSAGE "Find Movie By
Number or Title; View or Edit Contents of Movie's Record."
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DEFINE BAR 3 OF PRINT PROMPT "Record" MESSAGE "Send the Film Information
listed on the Screen to the Printer."
DEFINE BAR 4 OF PRINT PROMPT "Past Due" MESSAGE "Print a List of Films
Not Yet Returned."
ON SELECTION POPUP FIND DO FINDFILM
ON SELECTION POPUP DELFILM DO DELFILM
ON SELECTION POPUP INDEX DO SORT
ON SELECTION POPUP PRINT DO SORT
*****
ACTIVATE WINDOW FILM
CLOSE INDEXES
CLOSE DATABASES
SET DELETE ON
SELECT 1
USE CUSTOMER INDEX MNO
SELECT 2
USE FILM INDEX MOVIE
SELECT 3
USE RREC INDEX RETNFILE
SET COLOR TO RB+/R
@01,00 TO 38,79 DOUBLE COLOR RB+/R
@02,14 SAY CHR(179)
@02,24 SAY CHR(179)
@02,35 SAY CHR(179)
@02,43 SAY CHR(179)
@02,51 SAY CHR(179)
@02,69 SAY CHR(179)
@03,01 TO 03,78
@03,68 SAY CHR(194)
@04,68 SAY CHR(179)
@05,01 TO 05,78
@05,26 SAY CHR(194)
@05,54 SAY CHR(194)
@05,68 SAY CHR(193)
@06,26 SAY CHR(179)
@06,54 SAY CHR(179)
*@06,68 SAY CHR(179)
@07,01 TO 07,78
@07,26 SAY CHR(193)
@07,54 SAY CHR(193)
*@07,68 SAY CHR(193)
@07,57 SAY CHR(194)
@07,41 SAY CHR(194)
@07,23 SAY CHR(194)
@08,57 SAY CHR(179)
@08,41 SAY CHR(179)
@08,23 SAY CHR(179)
@09,01 TO 09,78 DOUBLE
@09,00 SAY CHR(204)
@09,79 SAY CHR(185)
@09,23 SAY CHR(207)
@09,41 SAY CHR(207)
@09,57 SAY CHR(207)
@03,00 SAY CHR(199)
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@03,79 SAY CHR(182)
@05,00 SAY CHR(199)
@05,79 SAY CHR(182)
@07,00 SAY CHR(199)
@07,79 SAY CHR(182)
@01,14 SAY CHR(209)
@03,14 SAY CHR(193)
@01,24 SAY CHR(209)
@03,24 SAY CHR(193)
@01,35 SAY CHR(209)
@03,35 SAY CHR(193)
@01,43 SAY CHR(209)
@03,43 SAY CHR(193)
@01,51 SAY CHR(209)
@03,51 SAY CHR(193)
@01,69 SAY CHR(209)
@03,69 SAY CHR(193)
SET COLOR TO RG+/R
DO FILMSCRN
ACTIVATE MENU FILMMENU
DEACTIVATE WINDOW FILM
SET DELETE ON
CLEAR GETS
CLOSE INDEXES
CLOSE DATABASES
RETURN
*****
PROCEDURE FIRST
GO TOP
DO FILMSCRN
RETURN
*****
PROCEDURE LAST
GO BOTTOM
DO FILMSCRN
RETURN
*****
PROCEDURE ADDFILM
SELECT 2
SET INDEX TO MOVIE, NUMB, YR, STAR, COSTAR, COSTAR2, RENTALS
CLEAR GETS
ACTIVATE WINDOW ADDFILM
CLEAR
SET FORMAT TO ADDMOVIE.FMT
APPEND BLANK
READ
REPLACE PURCHDATE WITH DATE()
REPLACE OUT WITH VAL(SUBSTR(NUMBER,6,1))
CLOSE FORMAT
DEACTIVATE WINDOW ADDFILM
RETURN
*****
PROCEDURE EDITFILM
SET INDEX TO MOVIE, NUMB, YR, STAR, COSTAR, COSTAR2, RENTALS

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CLEAR GETS
ACTIVATE WINDOW ADDFILM
CLEAR
SET FORMAT TO ADDMOVIE.FMT
READ
CLOSE FORMAT
DEACTIVATE WINDOW ADDFILM
RETURN
*****
PROCEDURE FINDFILM
ACTIVATE WINDOW FINDFILM
SELECT 2
CLEAR GETS
FILMNO=SUBSTR(FILM->NUMBER,1,4)
FNDFLM = " "
DO CASE
CASE BAR() = 1
SET INDEX TO NUMB
@02,02 SAY "Enter search criteria: " GET FNDFLM PICTURE "9999"
CASE BAR() = 2
SET INDEX TO MOVIE
@02,02 SAY "Enter search criteria: " GET FNDFLM PICTURE
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
CASE BAR() = 3
SET INDEX TO YEAR
@02,02 SAY "Enter search criteria: " GET FNDFLM PICTURE "99"
CASE BAR() = 4
SET INDEX TO STAR
@02,02 SAY "Enter search criteria: " GET FNDFLM PICTURE
"XXXXXXXXXXXXXXXXXXXXXXXXXXXX"
CASE BAR() = 5
SET INDEX TO COSTAR
@02,02 SAY "Enter search criteria: " GET FNDFLM PICTURE
"XXXXXXXXXXXXXXXXXXXXXXXXXXXX"
CASE BAR() = 6
SET INDEX TO COSTAR2
@02,02 SAY "Enter search criteria: " GET FNDFLM PICTURE
"XXXXXXXXXXXXXXXXXXXXXXXXXXXX"
ENDCASE
READ
IF TRIM(LTRIM(UPPER(FNDFLM))) < "!"
DEACTIVATE WINDOW FINDFILM
DEACTIVATE POPUP
RETURN
ENDIF
SEEK TRIM(LTRIM(UPPER(FNDFLM)))
IF EOF()
CLEAR
SET CURSOR OFF
@02,12 SAY "CAN'T FIND #" + TRIM(LTRIM(FNDFLM)) + " PRESS ANY KEY TO
CONTINUE"
SEEK FILMNO
WAIT "" TO PAUSE
SET CURSOR ON

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DEACTIVATE WINDOW FINDFILM
DEACTIVATE POPUP
RETURN
ENDIF
DEACTIVATE WINDOW FINDFILM
DO FILMSCRN
DEACTIVATE POPUP
RETURN
*****
PROCEDURE DELFILM
SELECT 2
DO CASE
CASE BAR() = 1
RECALL
CASE BAR() = 2
DELETE
CASE BAR() = 3
SET DELETE ON
CASE BAR() = 4
SET DELETE OFF
ENDCASE
DEACTIVATE POPUP
RETURN
*****
PROCEDURE FILMLIST
SELECT 2
BROWSE WINDOW ADDFILM FIELDS NUMB=SUBST(NUMBER,1,4), TITLE/20, YR=YEAR,
RT=RATING, MIN=STR(LENGTH,3), RENT=TRIM(LTRIM(STR(X_RENTED,4))),
AGE=STR(DATE()-PURCHDATE,4), STAR/17, COSTAR/15
RETURN
*****
PROCEDURE SORT
DO CASE
CASE POPUP() = "INDEX" .OR. POPUP() = "FIND"
DO CASE
CASE BAR() = 1
*SET INDEX TO Category
CASE BAR() = 2
*SET INDEX TO Director
CASE BAR() = 3
SET INDEX TO NUMB
CASE BAR() = 4
*SET INDEX TO Producer
CASE BAR() = 5
SET INDEX TO RENTALS
CASE BAR() = 6
SET INDEX TO Star
CASE BAR() = 7
SET INDEX TO MOVIE
CASE BAR() = 8
*SET INDEX TO Writer
CASE BAR() = 9
SET INDEX TO YR
ENDCASE

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CASE POPUP() = "Print"
DO CASE
CASE BAR() = 1
ENDCASE
ENDCASE
DEACTIVATE POPUP
RETURN
*****

PROCEDURE FORWARD
SELECT 2
SKIP
IF EOF()
SKIP -1
*SET COLOR OF BOX TO GR+/R
DEFINE WINDOW ENDOFILE FROM 05,65 TO 10,74
ACTIVATE WINDOW ENDOFILE
*SET COLOR OF NORMAL TO GR+/R
CLEAR
@01,01 SAY "END OF"
@02,01 SAY " FILE "
WAIT "" TO PAUSE
DEACTIVATE WINDOW ENDOFILE
ENDIF
CLEAR GETS
DO FILMSCRN
RETURN
*****

PROCEDURE FASTFRWD
I = 0
SELECT 2
DO WHILE I = 0 .AND. .NOT. EOF()
SKIP
CLEAR GETS
DO FILMSCRN
I = INKEY()
LOOP
ENDDO
IF EOF()
SKIP -1
*SET COLOR OF BOX TO GR+/R
DEFINE WINDOW ENDOFILE FROM 05,65 TO 10,74
ACTIVATE WINDOW ENDOFILE
*SET COLOR OF NORMAL TO GR+/R
CLEAR
@01,01 SAY "END OF"
@02,01 SAY " FILE "
WAIT "" TO PAUSE
DEACTIVATE WINDOW ENDOFILE
ENDIF
CLEAR GETS
DO FILMSCRN
RETURN
*****

PROCEDURE BACKWARD

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SELECT 2
DO WHILE .NOT. BOF()
SKIP -1
CLEAR GETS
DO FILMSCRN
RETURN
ENDDO
IF BOF()
GO TOP
*SET COLOR OF BOX TO GR+/R
DEFINE WINDOW ENDOFILE FROM 05,65 TO 10,77
ACTIVATE WINDOW ENDOFILE
*SET COLOR OF NORMAL TO GR+/R
CLEAR
@01,01 SAY "BEGINNING"
@02,01 SAY " OF FILE "
WAIT "" TO PAUSE
DEACTIVATE WINDOW ENDOFILE
ENDIF
RETURN
*****
PROCEDURE FASTRWND
I = 0
DO WHILE I = 0 .AND. .NOT. BOF()
SKIP -1
CLEAR GETS
DO FILMSCRN
I = INKEY()
LOOP
ENDDO
IF BOF()
*SET COLOR OF BOX TO GR+/R
DEFINE WINDOW ENDOFILE FROM 05,65 TO 10,77
ACTIVATE WINDOW ENDOFILE
*SET COLOR OF NORMAL TO GR+/R
CLEAR
@01,01 SAY "BEGINNING"
@02,01 SAY " OF FILE "
WAIT "" TO PAUSE
DEACTIVATE WINDOW ENDOFILE
ENDIF
CLEAR GETS
DO FILMSCRN
RETURN
*****
PROCEDURE HISTORY
SELECT 2
CLEAR GETS
COPYNUMB = "1"
RWS = 2
ACTIVATE WINDOW FINDFILM
@02,04 SAY "ENTER WHICH COPY YOU WANT A HISTORY FOR: " GET COPYNUMB
PICTURE "9"
READ

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DEACTIVATE WINDOW FINDFILM
NUMB = SUBSTR(FILM->NUMBER,1,4) + "." + COPYNUMB
SET CURSOR OFF
SELECT 3
GO TOP
SEEK UPPER(NUMB)
IF EOF()
SET CURSOR ON
RETURN
ENDIF
ACTIVATE WINDOW HISTORY
CLEAR
@00,00 SAY " # RENTED      RETURNED  CUST# NAME                PHONE#
" COLOR W+/BG
@01,00 TO 01,65 COLOR R/B
DO WHILE SUBSTR(FILM_NO,1,4) = SUBSTR(NUMB,1,4)
DO CASE
CASE .NOT. RREC->RTRND
SET COLOR TO W+*/B
CASE RREC->RTRND .AND. RREC->RTRND_LT < 1
SET COLOR TO W/B
CASE RREC->RTRND_LT => 1 .AND. RREC->RTRND
SET COLOR TO RG+/R
ENDCASE
@RWS,02 SAY SUBSTR(FILM_NO,6,1)
@RWS,05 SAY DTOC(DATE)
IF RTRND
@RWS,15 SAY DTOC(DUE_DATE+RTRND_LT)
ENDIF
@RWS,25 SAY CUST_NO
CNUMB = CUST_NO
SELECT 1
SET EXACT ON
SEEK CNUMB
SET EXACT OFF
@RWS,31 SAY SUBSTR(LAST_NAME,1,20)
@RWS,52 SAY HOME_PHONE
@RWS+1,00 TO RWS+1,65 COLOR RG/B
RWS = RWS +2
IF RWS => 25
*@25,00 SAY SPACE(14) + "PRESS:  [ Q ] to QUIT  [ M ] for MORE" +
SPACE(14) COLOR W+/BG
IK = 0
DO WHILE STR(IK,3) <> " 13" .AND. STR(IK,3) <> " 27" .AND. .NOT. CHR(IK)
$ "q,Q,m,M"
IK = INKEY()
LOOP
ENDDO
DO CASE
CASE CHR(IK) $ "Q,q" .OR. STR(IK,3) = " 27"
SELECT 2
*SET COLOR TO RG+/R
SET CURSOR ON
DEACTIVATE WINDOW HISTORY

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RETURN
CASE CHR(IK) $ "M,m" .OR. STR(IK,3) = " 13"
SET COLOR TO W/B
@02,00 CLEAR TO 25,65
RWS = 2
ENDCASE
ENDIF
SELECT 3
SKIP
LOOP
ENDDO
@25,00 SAY SPACE(4) + "End of history for this film. - Press any key to
continue." + SPACE(4) COLOR W+/BG
IK = 0
DO WHILE IK = 0
IK = INKEY()
LOOP
ENDDO
SELECT 2
*SET COLOR TO GR+/R
SET CURSOR ON
DEACTIVATE WINDOW HISTORY
RETURN
*****
PROCEDURE FILMSCRN
SELECT 2
@2,1 SAY "NUMBER:"
@2,8 GET NUMBER
@2,15 SAY "RATING:"
@2,22 GET RATING
@2,25 SAY "LENGTH:"
@2,32 GET LENGTH
@2,36 SAY "COLOR:"
@2,42 GET COLOR
@2,44 SAY "YEAR:"
@2,49 GET YEAR
DO CATEGORY
@2,52 SAY "CATEGORY:"
SET COLOR TO W+/
@2,61 SAY " "
@2,61 SAY CATEG
SET COLOR TO GR+/R
@2,70 SAY "IN:"
@2,73 GET OUT
@4,1 SAY "TITLE:"
@4,7 GET TITLE
@4,69 SAY "RENTED:"
@4,76 GET X_RENTED PICTURE "999"
@6,1 SAY "STAR:"
@6,6 GET STAR
@6,27 SAY "COSTAR:"
@6,34 GET COSTAR
@6,55 SAY "COSTAR2:"
SET COLOR TO W+/

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@6,63 SAY SUBSTR(COSTAR2,1,16)
SET COLOR TO GR+/R
@8,1 SAY "PURCHASE DATE:"
@8,15 GET PURCHDATE
@8,24 SAY "OUR COST:"
@8,33 GET OUR_COST
@8,42 SAY "RETAIL:"
@8,49 GET RETAIL
@8,58 SAY "AMT. EARNED:"
@8,70 GET AMT_EARNED PICTURE "9999.99"
RETURN
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