

```
* Program.: RPRTPRO.PRG
* Author...: Stephen Kurasch
* Date....: June 10, 1985
* Notice...: Copyright 1985, Ashton-Tate
* Notes...: Procedure file for all reports for the
* .....: checkbook management system
* .....: Called from REPORTS.PRG
```

#### PROCEDURE Reporta

```
* erase menu title to make room for new menu title
@ 3,30 SAY SPACE(20)
```

```
* set up sub-menu
```

```
DO CASE
```

```
  CASE choice = "1"
    option = "Checks"
    col = 31
    ub = 5
    @ 12,0 CLEAR
    @ 12, 0 SAY dvert
    @ 12,79 SAY dvert
    @ 13, 0 SAY CHR(200)+dhoriz+CHR(188)
```

```
  CASE choice = "2"
    option = "Bank Deposits"
    col = 28
    ub = 4
```

```
  CASE choice = "3"
    option = "Individual Deposits"
    col = 25
    ub = 3
    @ 11,0 CLEAR
    @ 11, 0 SAY CHR(200)+dhoriz+CHR(188)
```

```
  CASE choice = "4"
    option = "Cash Withdrawal/Automatic Teller"
    col = 18
    ub = 4
```

```
ENDCASE
```

```
* display new sub-menu and erase first choice selection
```

```
@ 3,col SAY UPPER(option) + " SUB-MENU"
```

```
@ 6+VAL(choice),24 SAY SPACE(30)
```

```
* special condition for option
```

```
IF choice = "4"
```

```
  option = "Cash Withdrawals"
```

```
ENDIF
```

```
@ 6,20 SAY "0 - Return to REPORTS MENU"
```

```
@ 7,20 SAY "1 - List all "+option
```

```
@ 8,20 SAY "2 - List all "+option+" between two dates"
```

```
@ 9,20 SAY "3 - List all "+option+" over a certain amount"
```

```
* set up files and commands for reports
```

```
DO CASE
```

```

CASE choice = "1"
  @ 10,20 SAY "4 - List all taxable checks"
  @ 11,20 SAY "5 - List certain taxable checks"
  USE Checks
  command1 = "   CHKNO      DATE          PAY TO THE ORDER OF"+;
             "             AMOUNT"
  command2 = "   -----  -----  -----"
"+;
             "-----"
  command = "'      '+STR(Chkno,4,0)+'   '+DTC(Date)+'   '+Payto+'
'+;
             STR(Amt,10,2)"
CASE choice = "2"
  @ 10,20 SAY "4 - List all deposits in transit"
  USE Bank
  command1 = "   DATE          AMOUNT"
  command2 = "   -----  -----"
  command = "'      '+DTC(Date)+'   '+STR(Amt,10,2)"
CASE choice = "3"
  USE Deposits
  command1 = "   DATE          PAIDFROM          AMOUNT"
  command2 = "   -----  -----  -----"
  command = "'      '+DTC(Date)+'   '+Paidfrom+'   '+STR(Amt,10,2)"
CASE choice = "4"
  @ 10,20 SAY "4 - List all Cash Withdrawals in transit"
  USE Bank
  command1 = "   DATE          AMOUNT"
  command2 = "   -----  -----"
  command = "'      '+DTC(Date)+'   '+STR(-Amt,10,2)"
ENDCASE

* select sub-menu choice2
choice2 = 6
DO WHILE choice2 < 0 .OR. choice2 > ub
  mchoice2 = " "
  @ 8+ub,33 SAY " select : : "
  @ 8+ub,42 GET mchoice2
  READ
  choice2 = VAL(mchoice2)
ENDDO

* display asterisk by second choice
@ 6+choice2,18 SAY "*"

* set up exit condition for sub-menu - return to reports menu
IF choice2 = 0
  RETURN
ENDIF

* erase other sub-menu options from the screen
cntr = 0
DO WHILE cntr <= ub
  IF cntr <> choice2
    @ 6+cntr,20 SAY SPACE(55)

```

```

        ENDIF
        cntr = cntr + 1
    ENDDO

    * set up new row for input messages
    newrow = ub + 10

    pr = " "
    repol = "Reporta" + mchoice2
    DO &repol

    ?
    ?
    IF UPPER(pr) = "P"
        SET PRINT OFF
    ENDIF
    WAIT SPACE(15)+"Press any key to return to the REPORTS MENU "
    CLOSE DATABASES

```

#### PROCEDURE Reportal

```

*-----*
*
*   Programming Note:  The next lines are discussed in
*   Chapter 16 of "Programming in dBASE III PLUS"
*
*-----*

```

```

    * ask for output to printer or screen
    DO Printer WITH newrow,pr

```

```

    ?
    ? SPACE(27)+UPPER(option)
    ? command1
    ? command2
    DO WHILE .NOT. EOF()
        DO CASE
            CASE choice = "2"
                IF Amt > 0.00
                    ? &command
                ENDIF
            CASE choice = "4"
                IF Amt < 0.00
                    ? &command
                ENDIF
            OTHERWISE
                ? &command
        ENDCASE
        SKIP
    ENDDO

```

#### PROCEDURE Reporta2

```

    * initialize memory variables
    STORE CTOD(" / / ") TO begin,end

```

```

amount = 0.00

DO WHILE .T.

    * input valid starting date
    @ newrow,23 SAY "Enter starting date" GET begin
    READ

    * input valid ending date
    @ newrow+2,23 SAY "Enter ending date  " GET end
    READ

    * check to make sure starting date comes before ending date
    IF begin <= end
        EXIT
    ENDIF

    @ 20,13 SAY "Ending date occurs before starting date - please
reenter"

ENDDO
@ 20,0

* output to printer or screen?
DO Printer WITH 20,pr

?
? SPACE(15)+UPPER(option)+" BETWEEN "+DTC(begin)+" AND "+DTC(end)
? command1
? command2

DO WHILE .NOT. EOF()
    IF Date >= begin .AND. Date <= end
        DO CASE
            CASE choice = "2"
                IF Amt > 0.00
                    ? &command
                    amount = amount + Amt
                ENDIF
            CASE choice = "4"
                IF Amt < 0.00
                    ? &command
                    amount = amount - Amt
                ENDIF
            OTHERWISE
                ? &command
                amount = amount + Amt
        ENDCASE
    ENDIF
    SKIP
ENDDO

first = IIF(choice="1",SPACE(43),IIF(choice="3",SPACE(31),SPACE(4)))

```

```
?  
? first+"TOTAL   $" +STR(amount,10,2)
```

```
PROCEDURE Reporta3
```

```
DO WHILE .T.
```

```
    * input valid amount
```

```
    amount = -1.00
```

```
    DO WHILE amount < 0.00
```

```
        amount = 0.00
```

```
        @ newrow,20 SAY "Enter in amount" GET amount
```

```
        READ
```

```
    ENDDO
```

```
    @ newrow+2,10 SAY "All "+option+" listed will be over $" +;
```

```
        LTRIM(STR(amount,10,2))
```

```
    * valid amount entered - check for correctness
```

```
    answer = " "
```

```
    DO WHILE .NOT. answer$"YyNn"
```

```
        answer = " "
```

```
        @ newrow+3,20 SAY "Is this correct? (Y/N)" GET answer
```

```
        READ
```

```
    ENDDO
```

```
    IF UPPER(answer) ="Y"
```

```
        EXIT
```

```
    ENDIF
```

```
    @ newrow+2,0 CLEAR
```

```
ENDDO
```

```
* output to printer or screen?
```

```
DO Printer WITH 20,pr
```

```
GO TOP
```

```
?
```

```
? SPACE(13)+UPPER(option)+" OVER $" +LTRIM(STR(amount,10,2))
```

```
? command1
```

```
? command2
```

```
DO WHILE .NOT. EOF()
```

```
    IF choice = "4"
```

```
        IF -Amt >= amount
```

```
            ? &command
```

```
        ENDIF
```

```
    ELSE
```

```
        IF Amt >= amount
```

```
            ? &command
```

```
        ENDIF
```

```
    ENDIF
```

```
    SKIP
```

```
ENDDO
```

PROCEDURE Reporta4

```
IF choice = "1"  
  DO Report14  
ELSE  
  DO Report24  
ENDIF
```

PROCEDURE Report14

```
SELECT 2  
USE Tax
```

```
* output to printer or screen?  
DO Printer WITH 21,pr
```

```
?  
? SPACE(20)+"TAXABLE CHECKS"  
?
```

```
DO WHILE .NOT. EOF()  
  ? SPACE(20)+Title  
  ? "   CHKNO   DATE           PAY TO THE ORDER OF           AMOUNT"  
  ? "   -----  -----  -----  -----  -----  -----"
```

```
amount = 0.00
```

```
SELECT 1  
GO TOP  
DO WHILE .NOT. EOF()  
  IF Tax = B->Code  
    ? "   "+STR(Chkno,4,0)+"   "+DTC(Date)+"   "+Payto+"   +;  
    STR(Amt,10,2)  
    amount = amount + Amt  
  ENDIF  
  SKIP  
ENDDO
```

```
?  
? SPACE(42)+"TOTAL   $" + STR(amount,10,2)  
?  
?
```

```
SELECT 2  
SKIP  
ENDDO
```

PROCEDURE Report24

```
IF choice = "2"  
  header = "           LIST ALL DEPOSITS IN TRANSIT"  
  compare = "Amt > 0"  
  newcol = 30  
  statement = "No deposits in transit"  
ELSE  
  header = "LIST ALL CASH WITHDRAWAL/AUTOMATIC TELLER TRANSACTIONS"  
"+;
```

```

                "IN TRANSIT"
        compare = "Amt < 0"
        newcol = 5
        statement = "No Cash Withdrawal/Automatic Teller transactions in
transit"
    ENDIF

```

```

LOCATE FOR .NOT. Clear .AND. &compare

```

```

IF EOF()
    @ newrow,newcol SAY statement
    RETURN
ENDIF

```

```

* output to printer or screen?
DO Printer WITH 20,pr

```

```

?
? header
? command1
? command2

```

```

amount = 0.00
DO WHILE .NOT. EOF()
    IF .NOT. Clear .AND. &compare
        ? &command
        amount=IIF(choice="2",amount+Amt,amount-Amt)
    ENDIF
    SKIP
ENDDO

```

```

?
? "    TOTAL    $" +STR(amount,10,2)

```

```

PROCEDURE Reporta5

```

```

    SELECT 2
    USE Tax

```

```

* display all tax codes
mrow = 15
mcol = 1
DO WHILE .NOT. EOF()
    @ mrow,mcol SAY "(" +STR(Code,1)+") "+Title
    mrow=mrow+1
    IF mrow=18
        mrow=15
        mcol=mcol+27
    ENDIF
    SKIP
ENDDO

```

```

* select specific tax deductible check
mtax = 0
@ 19,6 SAY "Enter specific tax expense (or 0 to return "+;

```

```

                "to the REPORTS MENU)" GET mtax PICTURE "9"
READ

* test for exit condition
IF mtax = 0
    RETURN
ENDIF

* set up tax expense option to be processed
GO mtax

* output to printer or screen?
DO Printer WITH 21,pr

?
? SPACE(25) + Title
?
? "    CHKNO    DATE          PAY TO THE ORDER OF          AMOUNT"
? "    -----  -----  -----  -----  -----"

amount = 0.00
SELECT 1
GO TOP

DO WHILE .NOT. EOF()
    IF Tax = mtax
        ? "    "+STR(Chkno,4,0)+"    "+DTC(Date)+"    "+Payto+"
"+STR(Amt,10,2)
        amount = amount + Amt
    ENDIF
    SKIP
ENDDO

?
? SPACE(42)+"TOTAL    $" +STR(amount,10,2)

*-----*
*
*   Programming Note:  The following section is discussed in
*   Chapters 12 and 16 of "Programming in dBASE III PLUS"
*
*-----*

PROCEDURE Printer
PARAMETERS row,pr
@ row,6 SAY "Do you want the output sent to the " +;
           "printer or the screen? (P/S)"

pr = " "
DO WHILE .NOT. pr$"PpSs"
    pr = " "
    @ row,70 GET pr
    READ
ENDDO
CLEAR

```



