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* Program.: ADD.PRG
* Author..: Stephen Kurasch
* Date....: June 10, 1985
* Notice..: Copyright 1985, Ashton-Tate
* Notes...: Entering deposits for checkbook management system
*          Called from CBMENU.PRG
```

### USE Deposits

```
* remember where we are
firstdep = RECCOUNT() + 1
```

```
* initialize logical memory variables
STORE .F. TO again,special
```

```
DO WHILE .T.
```

```
    * draw deposit slip
    CLEAR
    @ 3, 0 TO 20,45
    @ 6, 3 SAY LEFT(dhoriz,27)+CHR(209)+LEFT(dhoriz,12)
    @ 7,30 TO 14,30

    @ 2,18 SAY "DEPOSIT SLIP"
    @ 5, 9 SAY "RECEIVED FROM"
    @ 5,34 SAY "AMOUNT"
    @ 16,15 SAY "SUBTOTAL"
```

```
    * initialize memory variables
    STORE 0.00 TO subtotal,totals,cash
```

```
*-----*
*
*   Programming Note:  The next lines are discussed in
*   Chapter 7 of "Programming in dBASE III PLUS"
*
*-----*
```

```
    * display subtotal
    @ 16,32 SAY subtotal PICTURE "9999999.99"
```

```
    * enter date if first time through loop
    IF .NOT. again
        mdate = today
```

```
        * get deposit date
        DO WHILE .T.
            @ 4,5 SAY "ENTER DATE OF DEPOSIT " GET mdate
            READ
```

```
            * correct date?
            answer = " "
            DO WHILE .NOT. answer$"YyNn"
                answer = " "
```

```

        @ 4,48 SAY "Is this correct? (Y/N)" GET answer
        READ
    ENDDO

    * erase question from the screen
    @ 4,48

    IF UPPER(answer)="Y"
        EXIT
    ENDIF

ENDDO

    * display date of deposit
    @ 4,4 SAY "    Date of Deposit:      "
    @ 4,25 SAY mdate

ENDIF

* initialize memory variables
line = 7
restart = .F.

lisa = .T.
DO WHILE lisa
* lisa is for updating incorrect deposit slip

    * loop for entering and updating individual deposit entries
    DO WHILE .T.

        * when deposit slip gets too long, add another line
        IF line > 14
            @ 16,15 SAY SPACE(28)
            @ 20, 0
            @ 24, 0
            ?
            @ 0, 0
            @ 19, 0 SAY svert
            @ 19,45 SAY svert
            @ 20, 0 SAY CHR(192)+LEFT(choriz,44)+CHR(217)
            @ 14,30 SAY svert
            @ 16,15 SAY "SUBTOTAL"
            @ 16,32 SAY subtotal PICTURE "9999999.99"
            line = 14
        ENDIF

        * if second time through loop
        IF again
            IF .NOT. special
                mpayfrom = Paidfrom
                mamt = Amt
            ENDIF

            * display deposit information

```

```

@ line,4 SAY mpayfrom
@ line,32 SAY mamt PICTURE "9999999.99"

* correct entry?
ans = " "
DO WHILE .NOT. ans$"YyNn" .AND. .NOT. special
  ans = " "
  @ line,48 SAY "Is this correct? (Y/N)" GET ans
  READ
ENDDO

@ line,48

IF UPPER(ans)="N" .OR. special

  * delete transaction?
  an = " "
  DO WHILE .NOT. an$"YyNn"
    an = " "
    @ line,52 SAY "Do you wish to delete"
    @ line+1,50 SAY "this transaction? (Y/N)" GET an
    READ
  ENDDO

  @ line,48 CLEAR

  IF UPPER(an)="Y"
    * erase current deposit from screen...
    @ line,4 SAY SPACE(25)
    @ line,32 SAY SPACE(10)
    * ...delete record and continue
    DELETE
    SKIP
    IF EOF()
      EXIT
    ENDIF
    LOOP
  ELSE
    IF special
      REPLACE Paidfrom WITH mpayfrom
      REPLACE Amt WITH mamt
    ENDIF
  ENDIF

ELSE
  subtotal = subtotal + mamt
  @ 16,32 SAY subtotal PICTURE "9999999.99"
  * skip to next record
  SKIP
  IF EOF()
    EXIT
  ENDIF
  line = line + 1
  LOOP

```

```

        ENDIF

ELSE
    * initialize memory variables
    mpayfrom = SPACE(25)
    mamt = 0.00
    loopamt = .F.
ENDIF

special = .F.

* this routine is to enter deposit data
@ line,4 GET mpayfrom
READ

* if no entry, clear out line and exit loop
IF mpayfrom=SPACE(25)
    @ line,4 SAY SPACE(25)
    @ line,32 SAY SPACE(10)

    * if second time through loop, we do not want to exit
    IF again
        special = .T.
        LOOP
    ENDIF
    EXIT
ENDIF

* input positive non-zero amount
DO WHILE .T.
    @ line,32 GET mamt PICTURE "99999999.99"
    READ
    IF mamt > 0.00
        EXIT
    ENDIF
    mamt = 0.00
ENDDO

* display subtotal to screen
test = subtotal + mamt
@ 16,32 SAY test PICTURE "99999999.99"

* correct entry?
ans = " "
DO WHILE .NOT. ans$"YyNn"
    ans = " "
    @ line,48 SAY "Is this correct? (Y/N)" GET ans
    READ
ENDDO

@ line,48

* if not correct - display subtotal, clear entry and loop
IF UPPER(ans)="N"

```

```

        @ 16,32 SAY subtotal PICTURE "9999999.99"
        @ line,32 SAY SPACE(10)
        LOOP
    ENDIF

    subtotal = subtotal + mamt

    * now add a record (if first time through)...
    IF .NOT. again
        APPEND BLANK
    ENDIF

    *...and replace data
    REPLACE Paidfrom WITH mpayfrom
    REPLACE Date WITH mdate
    REPLACE Amt WITH mamt

    @ line,4 SAY mpayfrom
    @ line,32 SAY mamt PICTURE "9999999.99"

    IF again
        * if second time through, skip to next deposit
        SKIP
        IF EOF()
            EXIT
        ENDIF
    ENDIF

    * increment line counter by one
    line = line + 1

ENDDO

IF subtotal > 0
    EXIT
ENDIF

* if no deposits...
@ line,52 SAY "NO DEPOSITS ENTERED"

* option to abort
ans = " "
DO WHILE .NOT. ans$"YyNn"
    ans = " "
    @ line+1,48 SAY "Do you wish to abort? (Y/N)" GET ans
    READ
ENDDO

* erase displays from 'line' and 'line+1'
@ line,48 CLEAR

IF UPPER(ans)="Y"
    @ line,55 SAY "PROGRAM ABORTED"
    @ line+1,52 SAY "Returning to main menu"

```

```

        PACK
        * close out files and return to main menu
        CLOSE DATABASES
        RETURN
ELSE
    * if second time through loop
    IF again
        PACK
        restart = .T.
        lisa = .F.
    ENDIF

ENDIF

ENDDO lisa

IF restart
    STORE .F. TO special,again
    LOOP
ENDIF

@ 18,30 SAY LEFT(shoriz,13)
@ 17,15 SAY "LESS CHANGE"

* input cash withdrawal - compare to subtotal
totals = 0.00
DO WHILE .T.
    @ 17,32 GET cash PICTURE "9999999.99"
    READ
    totals = subtotal - cash
    IF totals > 0.00
        EXIT
    ENDIF
    @ 22,10 SAY "Cash withdrawal exceeds deposit - please reenter"
ENDDO
@ 22,0

@ 17,32 SAY cash PICTURE "9999999.99"

* put brackets around amount if not zero
IF cash <> 0
    @ 17,31 SAY "("
    @ 17,42 SAY ")"
ENDIF

@ 19,15 SAY "TOTAL DEPOSIT"
@ 19,32 SAY totals PICTURE "9999999.99"

* check for correctness
@ 22,6 SAY "Is the above deposit slip correct? "+;
    "[ (Y)es / (N)o / (A)bandon ]"
answer = " "
DO WHILE .NOT. answer$"YyNnAa"
    answer = " "

```

```

    @ 22,70 GET answer
    READ
ENDDO

IF UPPER(answer)="N"
    GOTO firstdep
    again = .T.
    LOOP
ENDIF

IF UPPER(answer)="A"
    @ 22,0
    @ 22,12 SAY "ABORTING ABOVE DEPOSIT"
    GOTO firstdep
    DELETE REST
    PACK
ENDIF

IF UPPER(answer)="Y"
    balance = balance + totals

    IF cash > 0
        APPEND BLANK
        REPLACE Date WITH mdate
        REPLACE Amt WITH -cash
        REPLACE Paidfrom WITH "Cash Withdrawal"
    ENDIF

    IF again
        PACK
    ENDIF

    lastdep = lastdep + 1

    USE Bank
    APPEND BLANK
    REPLACE Date WITH mdate
    REPLACE Amt WITH totals
    REPLACE Num WITH lastdep
    REPLACE Clear WITH .F.
    USE Deposits
ENDIF

* Would you like to enter another deposit?
answer = " "
DO WHILE .NOT. answer$"YyNn"
    answer = " "
    @ 22,0
    @ 22, 3 SAY "Would you like to enter another deposit? (Y/N) "
    @ 22,50 GET answer
    READ
ENDDO

IF UPPER(answer)="N"

```

