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1 IDENTIFICATION DIVISION.
2 PROGRAM-ID. ACCOUNT-BALANCE-CHECKING.
3 ENVIRONMENT DIVISION.
4 CONFIGURATION SECTION.
5 SOURCE-COMPUTER.
6 OBJECT-COMPUTER.
7 INPUT-OUTPUT SECTION.
8 FILE-CONTROL.
9     SELECT JOURNAL-FILE ASSIGN TO DISK
10     ORGANIZATION IS LINE SEQUENTIAL.
11 DATA DIVISION.
12 FILE SECTION.
13 FD JOURNAL-FILE
14     LABEL RECORDS ARE STANDARD
15     VALUE OF FILE-ID IS "JOURNAL.TXT"
16     DATA RECORD IS JOUR-REC.
17 01 JOUR-REC.
18     02 TRAN-DATE PIC 99/99/99.
19     02 DEBIT-AC PIC X(20).
20     02 CREDIT-AC PIC X(20).
21     02 TRAN-AMOUNT PIC 9(10)V99.
22 WORKING-STORAGE SECTION.
23 77 TOT-DR-AMOUNT PIC 9(10)V99.
24 77 TOT-CR-AMOUNT PIC 9(10)V99.
25 77 BALANCE PIC S9(10)V99.
26 77 DR-BALANCE PIC 9(10)V99.
27 77 CR-BALANCE PIC 9(10)V99.
28 77 E-TOT-DR-AMOUNT PIC Z(9)9.99.
29 77 E-TOT-CR-AMOUNT PIC Z(9)9.99.
30 77 E-BALANCE PIC Z(9)9.99CR.
31 77 E-DR-BALANCE PIC Z(9)9.99.
32 77 E-CR-BALANCE PIC Z(9)9.99.
33 77 AC-NAME PIC X(20).
34 77 OPTION PIC X.
35 77 FLAG PIC X.
36 PROCEDURE DIVISION.
37 MAIN-PARA.
38     OPEN INPUT JOURNAL-FILE.
39     DISPLAY (01 01) ERASE.
40     DISPLAY (03 10) "Enter an Account Name : ".
41     ACCEPT (03 34) AC-NAME.
42     PERFORM INIT-PARA.
43 READ-PARA.
44     READ JOURNAL-FILE RECORD AT END GO TO CLOSE-PARA.
45     IF AC-NAME = DEBIT-AC
46         COMPUTE TOT-DR-AMOUNT = TOT-DR-AMOUNT + TRAN-AMOUNT
47         MOVE "Y" TO FLAG.
48     IF AC-NAME = CREDIT-AC
49         COMPUTE TOT-CR-AMOUNT = TOT-CR-AMOUNT + TRAN-AMOUNT
50         MOVE "Y" TO FLAG.
51     GO TO READ-PARA.
52 CLOSE-PARA.
53     CLOSE JOURNAL-FILE.
54     IF FLAG = "Y"
55         PERFORM RESULT-DISP-PARA
56     ELSE
57         PERFORM NOT-FOUND-PARA.
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58         DISPLAY (10 10) "===== ".
59         DISPLAY (15 10) "Enter Y/y to check the next A/C : ".
60         ACCEPT (15 44) OPTION.
61         IF OPTION = "Y" OR OPTION = "y"
62             GO TO MAIN-PARA.
63         STOP RUN.
64     RESULT-DISP-PARA.
65         MOVE TOT-DR-AMOUNT TO E-TOT-DR-AMOUNT.
66         MOVE TOT-CR-AMOUNT TO E-TOT-CR-AMOUNT.
67         COMPUTE BALANCE = TOT-DR-AMOUNT - TOT-CR-AMOUNT.
68         IF TOT-DR-AMOUNT > TOT-CR-AMOUNT
69             COMPUTE DR-BALANCE = TOT-DR-AMOUNT - TOT-CR-AMOUNT
70         ELSE
71             COMPUTE CR-BALANCE = TOT-CR-AMOUNT - TOT-DR-AMOUNT.
72         MOVE BALANCE TO E-BALANCE.
73         MOVE DR-BALANCE TO E-DR-BALANCE.
74         MOVE CR-BALANCE TO E-CR-BALANCE.
75         DISPLAY (04 10) "----- ".
76         DISPLAY (05 10) " Total Debit Amount : " E-TOT-DR-AMOUNT.
77         DISPLAY (06 10) "Total Credit Amount : " E-TOT-CR-AMOUNT.
78         DISPLAY (07 10) "           Balance : " E-BALANCE.
79         DISPLAY (08 10) "           Debit Balance : " E-DR-BALANCE.
80         DISPLAY (09 10) "           Credit Balance : " E-CR-BALANCE.
81     NOT-FOUND-PARA.
82         DISPLAY (11 14) "Account Not Found In The File".
83         DISPLAY (12 10) "----- ".
84     INIT-PARA.
85         MOVE "N" TO FLAG.
86         MOVE 0 TO TOT-DR-AMOUNT.
87         MOVE 0 TO TOT-CR-AMOUNT.
88         MOVE 0 TO BALANCE.
89         MOVE 0 TO DR-BALANCE.
90         MOVE 0 TO CR-BALANCE.
91

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No errors or warnings

Data area size = 890

Code area size = 748

Input File : JOURNAL.TXT

01/01/08CASH	FURNITURE	000000500000
01/01/08POSTAGE	CASH	000000150000
