COBOL PERFORM AFTER LOGIC

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IDENTIFICATION DIVISION.
PROGRAM-ID. Empage.
*****************************************************************
* PROGRAM TO READ INPUT FILE, COMPUTE PERSON'S AGE, AND WRITE *
* OUTPUT FILE. *
* IN: In-File CONTAINS INPUT FILE. *
* OUT: Out-File CONTAINS INPUT FILE RECORDS WITH AGE ADDED. *
*****************************************************************
ENVIRONMENT DIVISION.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
SELECT In-File ASSIGN TO "OLDFILE.TXT"
ORGANIZATION IS LINE SEQUENTIAL.
SELECT Out-File ASSIGN TO "NEWFILE.TXT"
ORGANIZATION IS LINE SEQUENTIAL.
DATA DIVISION.
FILE SECTION.
FD In-File BLOCK CONTAINS 0 RECORDS.
01 In-Emp.
02 In-Name PIC X(30).
02 In-Birth-Date.
03 In-Birth-Yr PIC 99.
03 In-Birth-Mo PIC 99.
03 In-Birth-Dy PIC 99.
02 PIC X.
02 In-Hire-Date.
03 In-Hire-Yr PIC 99.
03 In-Hire-Mo PIC 99.
03 In-Hire-Dy PIC 99.
FD Out-File BLOCK CONTAINS 0 RECORDS.
01 Out-Emp.
02 Out-Name PIC X(30).
02 Out-Birth-Date.
03 Out-Birth-Yr PIC 99.
03 Out-Birth-Mo PIC 99.
03 Out-Birth-Dy PIC 99.
02 PIC X.
02 Out-Hire-Date.
03 Out-Hire-Yr PIC 99.
03 Out-Hire-Mo PIC 99.
03 Out-Hire-Dy PIC 99.
02 Hire-Age PIC 999.
WORKING-STORAGE SECTION.
01 EOF-In-File PIC X.
* EOF-In-File is end of file flag for In-File.
* "N" if no EOF. "Y" for EOF.
PROCEDURE DIVISION.
A00-Begin.
OPEN INPUT In-File, OUTPUT Out-File
PERFORM WITH TEST AFTER UNTIL EOF-In-File = "Y"
READ In-File
AT END MOVE "Y" TO EOF-In-File
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NOT AT END
MOVE "N" TO EOF-In-File
MOVE In-Emp TO Out-Emp
COMPUTE Hire-Age = In-Hire-Yr - In-Birth-Yr
IF In-Hire-Mo < In-Birth-Mo
THEN COMPUTE Hire-Age = Hire-Age - 1
END-IF
IF In-Hire-Mo = In-Birth-Mo AND
In-Hire-Dy < In-Birth-Dy
THEN COMPUTE Hire-Age = Hire-Age - 1
END-IF
WRITE Out-Emp
END-READ
END-PERFORM
CLOSE In-File, Out-File
GOBACK
.
END PROGRAM Empage.
OLDFILE.TXT:
Able, John A. 590201 950924
Baker, Harry M. 620511 950924
Cox, Mary T. 730330 950924
Minow, Samuel T. 681221 950924
Smith, Joseph L. 641121 950924
Zach, Thomas W. 750913 950924
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