

IDENTIFICATION DIVISION.
PROGRAM-ID. EXEMPL004.
AUTHOR. HIRO.
INSTALLATION. FATEC-SP.
DATE-WRITTEN. 17/09/2004.
DATE-COMPILED.
SECURITY. APENAS O AUTOR PODE MODIFICA-LO.
*REMARKS. FAZ O BALANCE-LINE, GERANDO UM ARQUIVO DE SAIDA.

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. IBM-PC.
OBJECT-COMPUTER. IBM-PC.
SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

INPUT-OUTPUT SECTION.
FILE-CONTROL.
 SELECT MVTO ASSIGN TO DISK
 ORGANIZATION IS LINE SEQUENTIAL.
 SELECT ANT ASSIGN TO DISK
 ORGANIZATION IS LINE SEQUENTIAL.
 SELECT ATU ASSIGN TO DISK
 ORGANIZATION IS LINE SEQUENTIAL.

DATA DIVISION.
FILE SECTION.
FD MVTO
 LABEL RECORD ARE STANDARD
 VALUE OF FILE-ID IS "MVTO.DAT".
01 REG-MVTO.
 02 COD-MVTO PIC 9(04).
 02 NOME-MVTO PIC X(30).

FD ANT

LABEL RECORD ARE STANDARD
VALUE OF FILE-ID IS "ANT.DAT".
01 REG-ANT.
03 COD-ANT PIC 9(04).
03 NOME-ANT PIC X(30).

FD ATU
LABEL RECORD ARE STANDARD
VALUE OF FILE-ID IS "ATU.DAT".
01 REG-ATU.
03 COD-ATU PIC 9(04).
03 NOME-ATU PIC X(30).

WORKING-STORAGE SECTION.
77 CH-MVTO PIC X(04) VALUE SPACES.
77 CH-ANT PIC X(04) VALUE SPACES.

PROCEDURE DIVISION.

PGM-EX04.
PERFORM INICIO.
PERFORM PRINCIPAL
UNTIL
CH-MVTO EQUAL CH-ANT AND
CH-ANT EQUAL HIGH-VALUES.
PERFORM FIM.
STOP RUN.

INICIO.
OPEN INPUT MVTO
ANT
OUTPUT ATU.
PERFORM LER-MVTO.

PERFORM	LER-ANT.		
LER-MVTO.			
READ	MVTO		
	AT END		
	MOVE	HIGH-VALUES	TO CH-MVTO.
IF	CH-MVTO	EQUAL	HIGH-VALUES
	NEXT	SENTENCE	
ELSE			
	MOVE	COD-MVTO	TO CH-MVTO.
LER-ANT.			
READ	ANT		
	AT END		
	MOVE	HIGH-VALUES	TO CH-ANT.
IF	CH-ANT	EQUAL	HIGH-VALUES
	NEXT	SENTENCE	
ELSE			
	MOVE	COD-ANT	TO CH-ANT.
PRINCIPAL.			
IF	CH-MVTO	EQUAL	CH-ANT
	PERFORM	IGUAL	
	PERFORM	LER-MVTO	
	PERFORM	LER-ANT	
ELSE			
IF	CH-MVTO	LESS	CH-ANT
	PERFORM	MVTO-MENOR	
	PERFORM	LER-MVTO	
ELSE			
	PERFORM	ANT-MENOR	
	PERFORM	LER-ANT.	

IGUAL.			
PERFORM	GRAVA-MVTO.		
PERFORM	GRAVA-ANT.		
MVTO-MENOR.			
PERFORM	GRAVA-MVTO.		
ANT-MENOR.			
PERFORM	GRAVA-ANT.		
GRAVA-ANT.			
MOVE	COD-ANT	TO	COD-ATU.
MOVE	NOME-ANT	TO	NOME-ATU.
WRITE	REG-ATU.		
GRAVA-MVTO.			
MOVE	COD-MVTO	TO	COD-ATU.
MOVE	NOME-MVTO	TO	NOME-ATU.
WRITE	REG-ATU.		
FIM.			
CLOSE	MVTO		
	ANT		
	ATU.		