

IDENTIFICATION DIVISION.

PROGRAM-ID. EXEMPLO08.

AUTHOR. ANGELA/HIRO.

INSTALLATION. FATEC-SP.

DATE-WRITTEN. 21/09/2004.

DATE-COMPILED.

SECURITY. APENAS O AUTOR PODE MODIFICA-LO.

\*REMARKS. FAZ O SORT DO ARQUIVO DE ENTRADA.

\* USANDO INPUT E OUTPUT

\* SELECIONAR SOMENTE PESSOA DO SEXO MASCULINO (M)

\* GERANDO COMO SAIDA UM RELATORIO CLASSIFICADO.

ENVIRONMENT DIVISION.

CONFIGURATION SECTION.

SOURCE-COMPUTER. IBM-PC.

OBJECT-COMPUTER. IBM-PC.

SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

INPUT-OUTPUT SECTION.

FILE-CONTROL.

SELECT ENTRADA ASSIGN TO DISK  
ORGANIZATION IS LINE SEQUENTIAL.  
SELECT TRAB ASSIGN TO DISK.  
SELECT RELAT ASSIGN TO DISK.

DATA DIVISION.  
FILE SECTION.

FD ENTRADA  
LABEL RECORD ARE STANDARD  
VALUE OF FILE-ID IS "ENT.DAT".

01 REG-ENT.  
02 COD-ENT PIC 9(04).  
02 SEXO-ENT PIC X(01).  
02 NOME-ENT PIC X(30).

SD TRAB.  
01 REG-TRAB.  
02 COD-TRAB PIC 9(04).

02 SEXO-TRAB PIC X(01).  
02 NOME-TRAB PIC X(30).

FD RELAT  
LABEL RECORD IS OMITTED.  
01 REG-REL PIC X(80).

WORKING-STORAGE SECTION.

77 FIM-ARQ PIC X(03) VALUE "NAO".  
77 CT-LIN PIC 9(02) VALUE 25.  
77 CT-PAG PIC 9(02) VALUE ZEROES.

01 CAB-01.  
02 FILLER PIC X(70) VALUE SPACES.  
02 FILLER PIC X(05) VALUE "PAG. ".  
02 VAR-PAG PIC 99.  
02 FILLER PIC X(03) VALUE SPACES.

01 CAB-02.  
02 FILLER PIC X(15) VALUE SPACES.

DO".  
02 FILLER PIC X(25) VALUE "RELATORIO DE USUARIOS

02 FILLER PIC X(15) VALUE " SEXO MASCULINO".  
02 FILLER PIC X(25) VALUE SPACES.

01 CAB-03.

02 FILLER PIC X(05) VALUE SPACES.  
02 FILLER PIC X(06) VALUE "CODIGO".  
02 FILLER PIC X(10) VALUE SPACES.  
02 FILLER PIC X(04) VALUE "SEXO".  
02 FILLER PIC X(05) VALUE SPACES.  
02 FILLER PIC X(04) VALUE "NOME".  
02 FILLER PIC X(46) VALUE SPACES.

01 DETALHE.

02 FILLER PIC X(05) VALUE SPACES.  
02 COD-DET PIC 9(04).  
02 FILLER PIC X(13) VALUE SPACES.  
02 SEXO-DET PIC X(01).  
02 FILLER PIC X(02) VALUE SPACES.

02 NOME-DET      PIC X(30) VALUE SPACES.  
02 FILLER        PIC X(25) VALUE SPACES.

PROCEDURE        DIVISION.

PGM-EX08.

    SORT

    TRAB

    ASCENDING    KEY    COD-TRAB

    INPUT        PROCEDURE

ROT-ENTRADA

    OUTPUT       PROCEDURE

ROT-SAIDA.

    STOP

    RUN.

ROT-ENTRADA

            SECTION.

    PERFORM

    INICIO-ENTRADA.

    PERFORM

    PRINCIPAL-ENTRADA

    UNTIL        FIM-ARQ    EQUAL    "SIM".

    PERFORM

    FIM-ENTRADA.

INICIO-ENTRADA

            SECTION.

    OPEN

    INPUT       ENTRADA.

PERFORM LEITURA-ENTRADA.

LEITURA-ENTRADA SECTION.

READ ENTRADA

AT END

MOVE "SIM" TO FIM-ARQ.

PRINCIPAL-ENTRADA SECTION.

PERFORM SELECAO-ENTRADA.

PERFORM LEITURA-ENTRADA.

SELECAO-ENTRADA SECTION.

IF SEXO-ENT EQUAL "M"

PERFORM GRAVACAO-ENTRADA.

GRAVACAO-ENTRADA SECTION.

MOVE COD-ENT TO COD-TRAB.

MOVE SEXO-ENT TO SEXO-TRAB.

MOVE NOME-ENT TO NOME-TRAB.

RELEASE REG-TRAB.

FIM-ENTRADA	SECTION.		
CLOSE	ENTRADA.		
ROT-SAIDA	SECTION.		
PERFORM	INICIO-SAIDA.		
PERFORM	PRINCIPAL-SAIDA		
	UNTIL FIM-ARQ	EQUAL	"SIM".
PERFORM	FIM-SAIDA.		
INICIO-SAIDA	SECTION.		
MOVE	"NAO"	TO	FIM-ARQ.
OPEN	OUTPUT RELAT.		
PERFORM	LE-SAIDA.		
LE-SAIDA	SECTION.		
RETURN	TRAB		
	AT END		
	MOVE	"SIM"	TO FIM-ARQ.

PRINCIPAL-SAIDA SECTION.  
PERFORM IMPRESSAO-SAIDA.  
PERFORM LE-SAIDA.

IMPRESSAO-SAIDA SECTION.  
IF CT-LIN GREATER THAN 24  
PERFORM CABECALHO-SAIDA.  
PERFORM DETALHE-SAIDA.

CABECALHO-SAIDA SECTION.  
ADD 1 TO CT-PAG.  
MOVE CT-PAG TO VAR-PAG.  
MOVE SPACES TO REG-REL.  
WRITE REG-REL  
AFTER ADVANCING PAGE.  
WRITE REG-REL FROM CAB-01  
AFTER ADVANCING 1 LINE.  
WRITE REG-REL FROM CAB-02  
AFTER ADVANCING 2



LINES.

WRITE

REG-REL

FROM

CAB-03

AFTER

ADVANCING

2

LINES.

MOVE

ZEROES

TO

CT-LIN.

DETALHE-SAIDA

SECTION.

MOVE

COD-TRAB

TO

COD-DET.

MOVE

SEXO-TRAB

TO

SEXO-DET.

MOVE

NOME-TRAB

TO

NOME-DET.

WRITE

REG-REL

FROM

DETALHE

AFTER

ADVANCING

1

LINE.

ADD

1

TO

CT-LIN.

FIM-SAIDA

SECTION.

CLOSE

RELAT.