

IDENTIFICATION            DIVISION.

PROGRAM-ID.            TAB02.

AUTHOR.                HIRO.

INSTALLATION.        FATEC-SP.

DATE-WRITTEN.        18/05/2005.

DATE-COMPILED.

SECURITY. APENAS O AUTOR PODE MODIFICA-LO.

\*REMARKS. LE UM REGISTRO COM TABELA DE TEMPERATURA

\*                GRAVA OS TOTAIS DA CIDADE EM UM REGISTRO.

ENVIRONMENT            DIVISION.

CONFIGURATION        SECTION.

SOURCE-COMPUTER.    IBM-PC.

OBJECT-COMPUTER.    IBM-PC.

SPECIAL-NAMES.        DECIMAL-POINT IS COMMA.

INPUT-OUTPUT        SECTION.

FILE-CONTROL.

SELECT ARQ-ENT ASSIGN TO DISK  
ORGANIZATION IS LINE SEQUENTIAL.  
SELECT CAD-SAI ASSIGN TO DISK  
ORGANIZATION IS LINE SEQUENTIAL.

DATA DIVISION.

FILE SECTION.

FD ARQ-ENT

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

01 REG-ENT.

02 COD-CIDADE PIC 9(002).  
02 TEMP-CIDADE PIC 9(003)  
OCCURS 10 TIMES.

FD CAD-SAI

LABEL RECORD ARE STANDARD.

01 REG-SAI.

02 COD-SAI PIC 9(002).

02 MEDIA-SAI PIC 9(003)V9(02).

WORKING-STORAGE SECTION.

77 FIM-ARQ PIC X(03) VALUE "NAO".

77 CTR PIC 9(02) VALUE ZEROS.

77 TOTAL PIC 9(13)V9(04) VALUE ZEROES.

PROCEDURE DIVISION.

PGM-TAB01.

PERFORM INICIO.

PERFORM PRINCIPAL UNTIL  
FIM-ARQ EQUAL "SIM".

PERFORM FIM.

STOP RUN.

INICIO.

OPEN	INPUT	ARQ-ENT
	OUTPUT	CAD-SAI.
PERFORM	LEITURA.	

LEITURA.

READ	ARQ-ENT
AT END	MOVE "SIM" TO FIM-ARQ.

PRINCIPAL.

PERFORM	ACUMULA-TEMP.
PERFORM	GRAVA-SAI.
PERFORM	LEITURA.

ACUMULA-TEMP.

MOVE	ZEROS	TO	TOTAL.
MOVE	1	TO	CTR.
PERFORM	SOMA-TAB	10	TIMES.
DIVIDE	10	INTO	TOTAL.

SOMA-TAB.

ADD TEMP-CIDADE (CTR) TO TOTAL.

ADD 1 TO CTR.

GRAVA-SAI.

MOVE COD-CIDADE TO COD-SAI.

MOVE TOTAL TO MEDIA-SAI.

WRITE REG-SAI.

FIM.

CLOSE ARQ-ENT  
CAD-SAI.