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PROGRAM CAP (INPUT,OUTPUT);
{ HLAVNI PROGRAM CAP.FAS          VCFS PRAHA          DUBEN 1989 }
{                                MS - PASCAL          FSP5800  }
{ ****}

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LABEL 15, 99;
CONST MXS = 100;
      S_CH = 'SYNTAKTICKA CHYBA';
      S_CH_V = 'SYNTAKTICKA CHYBA VE VSTUPNIM SOUBORU';
      JMDAT = 'DATA.DBZ';
TYPE LS15 = LSTRING(15);
     LS30 = LSTRING(30);
     RS = RECORD NST,NDB:INTEGER;
           ODDIL:LSTRING(8);
           STAT:LSTRING(3);
           JM:ARRAY [1..6] OF LSTRING(20);
           ATI,ATU:ARRAY [1..48] OF INTEGER;
     END;
     PST = ARRAY [1..MXS] OF RS;

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VAR I,J,K,II,NSO,MXU,JSU,NIO : INTEGER;
    ZN1,ZNT : LSTRING(1);
    JMENO : LS15;
    POL : RS;
    ARS : ARRAY [1..MXS] OF RS;
    FILI,FILO,FPR : TEXT;
    REA,TISK : BOOLEAN;
VAR [PUBLIC] KONEC : BOOLEAN;

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{-----}
PROCEDURE JMNO (VYPIS:LS30; VAR JMENO:LS15); EXTERNAL;
PROCEDURE TIME (VAR T:STRING); EXTERNAL;
{*****}
PROCEDURE VST;
BEGIN JMNO ('? JMENO VSTUPNIHO SOUBORU : ',JMENO); IF KONEC THEN GOTO 99;
      ASSIGN (FILO,JMENO); RESET (FILI);
END;
{*****}
PROCEDURE VYST;
BEGIN JMNO ('? JMENO VYSTUPNIHO SOUBORU : ',JMENO); IF KONEC THEN GOTO 99;
      ASSIGN (FILO,JMENO); REWRITE (FILO);
END;
{*****}
PROCEDURE READB; {nacteni database}

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LABEL 120,127;
VAR I,J,K:INTEGER;
    ZNAK:CHAR;
    ARSFP:RS;
{-----}
BEGIN
ASSIGN (FILI,JMDAT); RESET (FILI);
NSO:=0;
READLN(FILI,NIO);
WHILE NOT EOF(FILI) DO
BEGIN
  NSO:=NSO+1;
  WITH ARS[NSO] DO
  BEGIN
    NST:=0; NDB:=0; ODDIL:= ' '; STAT:= ' ';
    FOR I:=1 TO 6 DO JM[I]:= ' ';
    FOR I:=1 TO 48 DO BEGIN ATI[I]:=0; ATU[I]:=0; END;
    READ(FILI,NST,ZNAK,NDB,ZNAK);
    WHILE (ZNAK=' ') DO READ(FILI,ZNAK);
    I:=0; WHILE NOT (ZNAK=' ') DO
      BEGIN I:=I+1; IF (I>8) THEN BEGIN WRITELN(S_CH_V); GOTO 99; END;
            ODDIL[I]:=ZNAK; READ(FILI,ZNAK);
      END;
  END;

```