PROGRAM PASCMSG(OUTPUT);
CONST ERRMAX = 42;
TYPE ERRINDEX = INTEGER;
ERRMAX = Packed Array[ERRINDEX] of BOOLEAN;
ERLSTP = ERLSTT;
VAR I: ERRINDEX; P: ERLSTP; EL: ERLSTT;

PROCEDURE PASCSEL(P: VAR P: ERLSTP); EXTERN;
BEGIN
PASCSEL(P): EL := P + 1;
WHILE ERRINDEX, I = 35); WRITELN;$ WRITELN; WRITELN; WRITELN;
WRITELN;$ WRITELN; WRITELN; WRITELN;
FOR I := 1 TO ERRMAX DO IF ELI THEN
BEGIN WRITELN; WRITELN; WRITELN;
CASE I OF
1: WRITE("ERROR IN SIMPLE TYPE");
3: WRITE("IDENTIFIER EXPECTED");
5: WRITE("PROGRAM EXPECTED");
7: WRITE("ALGEBRAIC SYMBOL");
9: WRITE("END OF PROGRAM LIST");
11: WRITE("ERROR IN TYPE");
13: WRITE("IDENTIFIER EXPECTED");
15: WRITE("INTEGER EXPECTED");
17: WRITE("ERROR IN DECLARATION PARSE");
19: WRITE("ERROR IN FIELD LIST");
21: WRITE("ERROR IN CONSTANT");
23: WRITE("THEN EXPECTED");
25: WRITE("UNTIL EXPECTED");
27: WRITE("DO EXPECTED");
29: WRITE("TO Z=DOWN TO= EXPECTED");
31: WRITE("FACTOR EXPECTED");
33: WRITE("ERROR IN FACTORS");
35: WRITE("ERROR IN VARIABLE");
101: WRITE("IDENTIFIER DECLARED TWICE");
103: WRITE("SUBTYPE OF IDENTIFIER NOT OF APPROPRIATE CLASS");
105: WRITE("SIGN NOT ALLOWED");
106: WRITE("NUMBER EXPECTED");
107: WRITE("INCOMPATIBLE SUBRANGE TYPES");
108: WRITE("TYPE MUST NOT BE REAL");
109: WRITE("TAGFIELD TYPE MUST BE SCALAR OR SUBRANGE");
110: WRITE("INCOMPATIBLE WITH TAGFIELD TYPES");
111: WRITE("INDEX TYPE MUST NOT BE REAL");
112: WRITE("BASE TYPE MUST BE SCALAR OR SUBRANGE");
113: WRITE("BASE TYPE MUST BE SCALAR OR SUBRANGE");
114: WRITE("ERROR IN TYPE OF STANDARD PROCEDURE PARAMETER");
115: WRITE("UNSATISFYRED FORWARD REFERENCE");
116: WRITE("FORWARD DECLARED; REPETITION OF PARAMETER LIST NOT E, ALLOWED");
117: WRITE("FUNCTION RESULT TYPE MUST BE SCALAR, SUBRANGE OR E, POINTERS");
118: WRITE("FILE VALUE PARAMETER NOT ALLOWED");
119: WRITE("FORWARD DECLARED; FUNCTION RESULT OF TYPE NOT ALLOWED");
120: WRITE("ERROR IN FUNCTION DECLARATION");
121: WRITE("ERROR IN TYPE OF STANDARD FUNCTION PARAMETER");
122: WRITE("NUMBER OF PARAMETERS DOES NOT AGREE WITH DECLARATION");
123: WRITE("ILLEGAL PARAMETER SUBSTITUTIONS");
124: WRITE("RESULT TYPE OF PARAMETER TUNCTION DOES NOT AGREE E");
Function

WITH DECLARATION;
TYPE CONFLICT OF OPERAND;
EXPRESSION IS NOT OF SET TYPE;
TESTS ON EQUALITY ALLOWED ONLY;
DIRECT INCLUSION NOT ALLOWED;
ILLEGAL COMPARISON NOT ALLOWED;
TYPE OF OPERAND IS ARRAY;
TYPE OF OPERAND MUST BE BOOLEAN;
SET ELEMENT MUST BE SCALAR OR SUBRANGE;
SET ELEMENT TYPES NOT COMPATIBLE;
SCALE OR VARIABLE IS NOT ARRAY;
INDEX TYPE IS NOT COMPATIBLE WITH DECLARATION;
TYPE OF VARIABLE IS NOT RECORD;
TYPE OF VARIABLE MUST BE FILE OR POINTER;
LEGAL PARAMETER SUBSTITUTION;
LEGAL TYPE OF LOOP CONTROL VARIABLE;
TYPE CONFLICT;
ASSIGNMENT OF FILES NOT ALLOWED;
LABEL TYPE INCOMPATIBLE WITH SELECTING EXPRESSION;
SUBRANGE BOUNDS MUST BE SCALAR;
INDEX TYPE MUST NOT BE INTEGERS;
ASSIGNMENT TO THIS FUNCTION IS NOT ALLOWED;
ASSIGNMENT TO FORMAL FUNCTION IS NOT ALLOWED;
NO SUCH FIELD IN THIS RECORD;
CONTROL VARIABLE MUST NOT BE DECLARED ON AN E,
INTERMEDIATE LEVEL;
MULTIPLE CASE LABELS;
MULTIPLE CASE LABELS;
UNDECLARED LABELS;
UNDECLARED LABELS;
VALUE PARAMETER EXPECTED;
ERROR IN BASE SET;
UNDECLARED EXTERNAL FILE;
FORTRAN PROCEDURE OR FUNCTION EXPECTED;
MISSING FILE = INPUT IN PROGRAM HEADING;
MISSING FILE = OUTPUT IN PROGRAM HEADING;
ASSIGNMENT TO FUNCTION IDENTIFIER NOT ALLOWED HERE;
MULTIMDFNED RECORD VARIANT;
EXCEPTION OF ACTUAL PROCEDURE/FUNCTION DOES NOT E,
MATCH FORMAL DECLARATION;
ORIGINAL CONTROL VARIABLE MUST NOT BE FORMAL;
CONSTANT PART OF ADDRESS OUT OF RANGE;
ERROR IN REAL CONSTANT; DIGIT EXPECTED;
INTEGER CONSTANT MUST NOT EXCEED SOURCE LINE;
INTEGER CONSTANT EXCEEDS RANGE;
VALUE STRING NOT ALLOWED;
INTEGER PART OF REAL CONSTANT EXCEEDS RANGE;
TOO MANY NESTED SCOPES OF IDENTIFIERS;
TOO MANY NESTED PROCEDURES AND/OR FUNCTION;
TOO MANY ERRORS ON THIS SOURCE LINE;
TOO MANY external REFERENCES;
TOO MANY LOCAL FILES;
EXPRESSION TOO COMPLICATED;
TOO MANY EXIT LABELS;
DIVISION BY ZERO;
INDEX EXPRession OUT OF BOUNDS;
VALUE TO BE ASSIGNED IS OUT OF BOUNDS;
ELEMENT EXPRESSION OUT OF RANGE;
IMPLEMENTATION RESTRICTIONS;
END;
WRITE ERROR(S) IN PASCAL PROGRAM;
HALT.