PROGRAMAS VÁLIDOS

1

PROGRAM teste1;

VAR a, b: INTEGER;

BEGIN

a := 0;

FOR b := 10 TO 20 DO

BEGIN

a := a + 2 \* b;

WRITELN(a);

END;

END.

2

PROGRAM teste2;

VAR X, y, z :INTEGER;

PROCEDURE P;

VAR A :INTEGER;

BEGIN

READLN(A);

IF a = x THEN

z := z + x

ELSE

BEGIN

Z := z - x;

CALL p;

END;

END;

BEGIN

Z := 0;

READLN(x, y);

IF x > y THEN

CALL p

ELSE

Z := z + x + y;

WRITELN(Z);

END.

3

PROGRAM teste3;

CONST a = 2;

VAR x, y: INTEGER;

PROCEDURE p;

VAR z: INTEGER;

PROCEDURE q;

VAR t: INTEGER;

BEGIN

z := z - 100;

t := z \* a;

IF t > 100 THEN

CALL q

ELSE

WRITELN(t);

END; (\* fim de q\*)

BEGIN (\* inicio da P\*)

z := x + y \* a;

IF z > 100 THEN

CALL q

ELSE

WRITELN(z);

END; (\* fim da p\*)

BEGIN (\* programa principal\*)

READLN(x, y);

IF x > 1000 THEN

x := 1100

ELSE

x := y + 100;

WHILE x > y DO

BEGIN

CALL p;

READLN(x, y);

END;

WRITELN("tudo ok, boas férias");

END.

4

PROGRAM teste4;

VAR x, y, z: INTEGER;

BEGIN

READLN(x, y);

Z:= 0;

IF x > y THEN

z:= x+y\*2

ELSE

z:= x-y;

WRITELN(z);

END.

5

PROGRAM teste5;

VAR x, y, z: INTEGER;

BEGIN

Z:=0;

REPEAT

BEGIN

IF x > y THEN

z:=z+x\*y

ELSE

z:=z-x;

WRITELN(z);

READLN(x,y)

END

UNTIL z > 10;

WRITELN(z);

END.

PROGRAMAS INVÁLIDOS

1 palavra PROGRAMA reservada não existe

PROGRAMA teste1;

VAR a, b, c, I: INTEGER;

BEGIN

READLN(a, b);

READLN(i);

c:=0;

CASE i of

1, 4 : c:= a+b;

2, 3, 5 : c:= a-b

END;

WRITELN(c);

END.

2 ; antes de ELSE

PROGRAM teste2;

VAR x, y, z: INTEGER;

BEGIN

Z:=0;

REPEAT

BEGIN

IF x > y THEN

z:=z+x\*y;

ELSE

z:=z-x;

WRITELN(z);

READLN(x,y)

END

UNTIL z > 10;

WRITELN(z);

END.

3 atribuição com ::=

PROGRAM teste3;

VAR x, y, z: INTEGER;

BEGIN

READLN(x, y);

Z::= 0;

IF x > y THEN

z:= x+y\*2

ELSE

z:= x-y;

WRITELN(z);

END.

4 laço for sem o DO no final

PROGRAM teste4;

VAR a, b: INTEGER;

BEGIN

a := 0;

FOR b := 10 TO 20

BEGIN

a := a + 2 \* b;

WRITELN(a);

END;

END.

5 operador lógico diferente != ao invés de <>

PROGRAM teste5;

VAR x, y, z: INTEGER;

BEGIN

READLN(x, y);

Z:= 0;

IF x != y THEN

z:= x+y\*2

ELSE

z:= x-y;

WRITELN(z);

END.