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Nº 50047

→ CO-PRODUTO CARTESIANO CM C

#DEFINE OPERANDO 1002

#DEFINE OPERADOR 1001

TYPDEF STRUCT ARVEXP

{

INT TIPO;

UNION VALOR

{

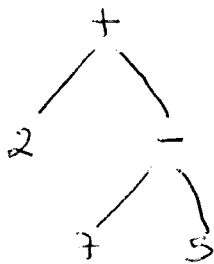
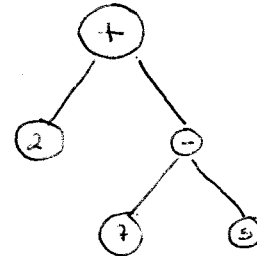
CHAR OPERADOR;

INT OPERANDO;

} VALOR;

STRUCT ARVEXP *ESQ, *DIR

} *ARVEXP, NOVO ARVEXP;



INT RES;

INT CALCEXP (ARVEXP A)

{

IF (!A) RETURN 0;

ELSE {

SWITCH (TIPO)

{

CASE OPERANDO: RES = A->VALOR.OPERANDO;

CASE OPERADOR: RES = SWITCH (A->VALOR.OPERAND)

{

CASE '+':

RES = CALCEXP (A->ESQ) + CALCEXP (A->DIR)

}

}

}