
TRUE

is_correct([[[x,'int'], [y,'int']], [[2,'<',3], '&&', [5,'<',6]]]).

is_correct([[], [[2,'<',3], '&&', [8,'<',9]]]).

is_correct([[[x,'int'], [y,'int']], [[2,'<',3], '&&', [x,'<',y]]]).

is_correct([[[['address','int','x'], ['address','int','y']], ['*', 'x', '+', '*', 'y']]).

is_correct([[[x,'int'], [y,'int']], ['x', '+', 'y']]).

is_correct([[[x,'int'], [y,'int']], ['!', [2,'<',3], '&&', [x,'<',y]]]).

is_correct([[], [3,'|',4.05]]).

is_correct([[], [2,'+',3,'-',5]]).

is_correct([[[x,'int'], [y,'int']], ['&', x, '-', '&', y]]).

is_correct([[[x,'bitset'], [x,'&', [3,'|',4.05], '<<',2]]]).

is_correct([[[x,'bitset'], [f,'bitset']], [[f], '|=', [x,'<<',2]]]).

is_correct_no_var([[3.08,'|',4]]).

is_correct_no_var([[4,'+',6,'-',2]]).

FALSE

is_correct([[[x,'int'], [y,'float']], ['x', '+', 'y']]).

is_correct([[[['address','int', 'x'], ['address','int', 'y']], ['*', x, '=', '&', y]]]).

is_correct([[[x,'int'], [y,'int']], ['&', x, '+', '&', y]]).