

Write a Prolog program to check if the number of elements in two binary trees T1 and T2 is the same.

Write a Prolog program to select from an input list of integers all odd values.

Write a Prolog program to check if two not ordered input vectors contain the same elements.

Write a Prolog program which checks if two lists of integer values are consecutive, i.e. for one element in the first list there exists one which is its successor in the second list.

Compute the depth of a binary tree.