Jutge.org

The Virtual Learning Environment for Computer Programming

Inserting in a binary search tree

Write a program that forms a binary search tree from a given sequence of natural numbers. Each new integer must be placed at the only leaf that allows to mantain the propierty of the binary search trees. The repeated elements must be ignored.

Input

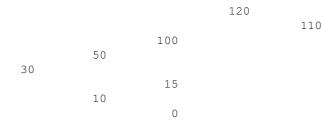
Input is a non empty sequence of natural numbers.

Output

Your program must print the resulting tree, following the same format of the instances (which is the same that the format of the exercise , but now with natural numbers).

Sample input

Sample output



Problem information

Author : Salvador Roura Translator : Carlos Molina Generation : 2024-05-03 09:25:09

© *Jutge.org*, 2006–2024. https://jutge.org